AD-A097 382 DEPUTY CHIEF OF STAFF FOR RESEARCH DEVELOPMENT AND AC--ETC F/G 15/5
DEPARTMENT OF THE ARMY JUSTIFICATION OF ESTIMATES FOR FISCAL YE--ETC(U)
JAN 81

UNCLASSIFIED NL

1 OF 2
AD
A097382

LEVEL III

(12)

(6)

DEPARTMENT OF THE ARMY

JUSTIFICATION OF ESTIMATES FOR FISCAL YEAR 1982,

SUBMITTED TO CONGRESS

JANUARY 1981.

Part 5.

AD A097382

(11) Jan 81

(12) 123

PART 5 OF 5 PARTS
(OTHER PROCUREMENT ARMY)

PROCUREMENT PROGRAMS

AIRCRAFT	MISSILES
WEAPONS & TRACKED COMBAT VEHICLES	
AMMUNITION	OTHER

408992

81 4 6 219

12

DEPARTMENT OF THE ARMY
Office of the Deputy Chief of Staff
For
RESEARCH, DEVELOPMENT, AND ACQUISITION

January 1981

DEPARTMENT OF THE ARMY

PROCUREMENT APPROPRIATIONS

Justification of Estimates for Fiscal Years 1982, 83 (Auth Only)

TABLE OF CONTENTS

DEPARTMENT OF THE ARMY

Other Procurement, Army

Justification of Estimates for Fiscal Year 1982

TABLE OF CONTENTS

OTHER PROCUREMENT, ARMY

Section 1

Budget Appendix Extract

Language

Program and Financing Schedule

Object Classification Schedule

APPROPRIATION LANGUAGE

For construction, procurement, production, and modification of vehicles, including tactical, support and nontracked combat vehicles; communications and electronic equipment; other support equipment; spare parts, ordnance and accessories therefor; specialized equipment and training devices; expansion of public and private plants, including the land necessary therefor, without regard to section 4774, title 10, United States Code, for the foregoing purposes, and such lands and interest therein, may be acquired, and construction prosecuted thereon prior to approval of title as required by section 355, Revised Statutes, as amended; and procurement and installation of equipment, appliances, and machine tools in public and private plants; reserve plant and Government and contractor owned equipment layaway; and other expenses necessary for the foregoing purposes: ($2,223,658,000) $2,325,700,000 to remain available for obligation until September 30 (1983) 1984

(10 U.S.C. 2353, 3012, 4531, 4532, 31 U.S.C. 649c; Department of Defense Appropriation Act, 1981)

EXPLANATION OF LANGUAGE CHANGES

(1) To change the amount of appropriation requested for FY 1982.

(2) To change the obligation expiration date for the FY 1982 program.

Program and Financing (in thousands of dollars)

Identification code 21-2035-0-1-051	Budget plan (amounts for procurement actions programed)			Obligations		
	1980 actual	1981 est.	1982 est.	1980 actual	1981 est.	1982 est.
Program by activities:						
Direct:						
1. Tactical and support vehicles	62,087	226,000	289,700	148,579	158,166	250,289
2. Communications and electronics equipment	1,034,349	1,401,558	1,294,900	961,718	1,240,857	1,314,350
3. Other support equipment	386,572	596,100	741,100	420,809	436,860	640,872
Total direct	1,483,008	2,223,658	2,325,700	1,531,106	1,835,883	2,205,511
Reimbursable program (total)	252,066	427,100	373,700	222,477	381,357	372,216
10.00 Total	1,735,074	2,650,758	2,699,400	1,753,583	2,217,240	2,577,727
Financing:						
Offsetting collections from:						
11.00 Federal funds	-128,816	-249,400	-229,200	-124,337	-239,900	-229,200
13.00 Trust funds	-124,684	-177,700	-144,500	-121,621	-177,200	-144,500
14.00 Non-federal sources	-5	.....	.....	-94	.....	.....
17.00 Recovery of prior year obligations, obl plan	.....	.....	.....	-9,635	.....	.....
Unobligated balance available, start of year:						
21.40 For completion of prior year budget plans	.....	.....	.....	-702,817	-645,621	-1,069,139
21.40 Available to finance new budget plans	-47,000	.....	.....	-47,000	.....	.....
21.40 Reprograming from or to prior year budget plan	-40,869	.....	.....	.....	.....	.....
23.40 Unobligated balance transferred to other accounts	10,048	.....	.....	10,048	.....	.....
24.40 Unobligated balance available, end of year	.....	.....	.....	645,621	1,069,139	1,190,812
25.00 Unobligated balance lapsing	75,821	.....	.....	75,821	.....	.....
39.00 Budget authority	1,479,569	2,223,658	2,325,700	1,479,569	2,223,658	2,325,700
Budget authority:						
40.00 Appropriation	1,435,410	2,223,658	2,325,700	1,435,410	2,223,658	2,325,700
Appropriation rescinded	-2,000	.....	.....	-2,000	.....	.....
41.00 Transferred to other accounts	-34,741	.....	.....	-34,741	.....	.....
42.00 Transferred from other accounts	33,900	.....	.....	33,900	.....	.....
43.00 Appropriation (adjusted)	1,432,569	2,223,658	2,325,700	1,432,569	2,223,658	2,325,700
50.00 Reappropriation	47,000	.....	.....	47,000	.....	.....
Relation of obligations to outlays:						
71.00 Obligations incurred, net				1,507,531	1,800,140	2,204,027
72.40 Obligated balance, start of year				2,019,830	2,077,819	2,203,459
74.40 Obligated balance, end of year				-2,077,819	-2,203,459	-2,533,786
77.00 Adjustments in expired accounts				16,611	.....	.....
78.00 Adjustments in unexpired accounts				-9,635	.....	.....
90.00 Outlays				1,456,519	1,674,500	1,873,700

Object Classification (in thousands of dollars)

Identification code 21-2035-0-1-051		1980 actual	1981 est.	1982 est.
	Direct obligations:			
	Other services:			
25.0	Other	538,435	716,340	826,720
26.0	Supplies and materials	144,700	187,900	218,200
31.0	Equipment	847,971	931,643	1,160,591
99.0	Total direct obligations	1,531,106	1,835,883	2,205,511
	Reimbursable obligations:			
	Other services:			
25.0	Other	82,602	131,600	133,400
26.0	Supplies and materials	21,200	34,800	35,300
31.0	Equipment	118,675	214,957	203,516
99.0	Total reimbursable obligations	222,477	381,357	372,216
99.9	Total obligations	1,753,583	2,217,240	2,577,727

Program and Financing (in thousands of dollars) — 1978 Fiscal year program

Identification code 21-2035-0-1-051	Budget plan (amounts for procurement actions programed)			Obligations		
	1980 actual	1981 est.	1982 est.	1980 actual	1981 est.	1982 est.
Program by activities:						
Direct:						
1. Tactical and support vehicles	.....	.....	.....	8,267	.....	.....
2. Communications and electronics equipment	.....	.....	.....	73,411	.....	.....
3. Other support equipment	.....	.....	.....	48,197	.....	.....
Total direct	.....	.....	.....	129,875	.....	.....
Reimbursable program (total)	.....	.....	.....	8,311	.....	.....
10.00 Total	.....	.....	.....	138,186	.....	.....
Financing:						
Offsetting collections from:						
11.00 Adjustment to py federal fund orders	.....	.....	.....	12,359	.....	.....
13.00 Adjustment to py trust fund orders	.....	.....	.....	2,209	.....	.....
14.00 Adjustment to non-federal sources	.....	.....	.....	-84	.....	.....
17.00 Recovery of prior year obligations, obl plan	.....	.....	.....	-6,273	.....	.....
Unobligated balance available, start of year:						
21.40 For completion of prior year budget plans	.....	.....	.....	-182,312	.....	.....
21.40 Reprograming from or to prior year budget plan	-35,915	.....	.....	.....	.....	.....
23.40 Unobligated balance transferred to other accounts	10,048	.....	.....	10,048	.....	.....
25.00 Unobligated balance lapsing	25,867	.....	.....	25,867	.....	.....
40.00 Budget authority	.....	.....	.....	.....	.....	.....

Program and Financing (in thousands of dollars) — 1979 Fiscal year program

Identification code 21-2035-0-1-051	Budget plan (amounts for procurement actions programed)			Obligations		
	1980 actual	1981 est.	1982 est.	1980 actual	1981 est.	1982 est.
Program by activities:						
Direct:						
1. Tactical and support vehicles	.....	.....	.....	91,744	1,834	.....
2. Communications and electronics equipment	.....	.....	.....	169,472	83,850	.....
3. Other support equipment	.....	.....	.....	63,914	35,428	.....
Total direct	.....	.....	.....	325,130	121,112	.....
Reimbursable program (total)	.....	.....	.....	39,517	30,185	.....
10.00 Total	.....	.....	.....	364,647	151,297	.....
Financing:						
Offsetting collections from:						
11.00 Adjustment to py federal fund orders	.....	.....	.....	-7,880	9,500	.....
13.00 Adjustment to py trust fund orders	.....	.....	.....	854	500	.....
14.00 Adjustment to non-federal sources	.....	.....	.....	-5	.....	.....
17.00 Recovery of prior year obligations, obl plan	.....	.....	.....	-3,362	.....	.....
Unobligated balance available, start of year:						
21.40 For completion of prior year budget plans	.....	.....	.....	-520,505	-161,297	.....
21.40 Available to finance new budget plans	-47,000	.....	.....	-47,000	.....	.....
21.40 Reprograming from or to prior year budget plan	-4,954	.....	.....	.....	.....	.....
24.40 Unobligated balance available, end of year	.....	.....	.....	161,297	.....	.....
25.00 Unobligated balance lapsing	49,954	.....	.....	49,954	.....	.....
40.00 Budget authority	-2,000	.....	.....	-2,000	.....	.....

Program and Financing (in thousands of dollars) — 1980 Fiscal year program

Identification code 21-2035-0-1-051	Budget plan (amounts for procurement actions programed)			Obligations		
	1980 actual	1981 est.	1982 est.	1980 actual	1981 est.	1982 est.
Program by activities:						
Direct:						
1. Tactical and support vehicles	62,087	.....	.....	48,568	6,632	6,887
2. Communications and electronics equipment	1,034,349	.....	.....	718,835	204,971	110,543
3. Other support equipment	386,572	.....	.....	308,698	35,902	41,972
Total direct	1,483,008	.....	.....	1,076,101	247,505	159,402
Reimbursable program (total)	252,066	.....	.....	174,649	52,211	25,206
10.00 Total	1,735,074	.....	.....	1,250,750	299,716	184,608
Financing:						
Offsetting collections from:						
11.00 Federal funds	-128,816	.....	.....	-128,816	.....	.....
13.00 Trust funds	-124,684	.....	.....	-124,684	.....	.....
14.00 Non-federal sources	-5	.....	.....	-5	.....	.....
21.40 Unobligated balance available, start of year	.....	.....	.....	.....	-484,324	-184,608
24.40 Unobligated balance available, end of year	.....	.....	.....	484,324	184,608	.....
39.00 Budget authority	1,481,569	.....	.....	1,481,569	.....	.....
Budget authority:						
40.00 Appropriation	1,435,410	.....	.....	1,435,410	.....	.....
41.00 Transferred to other accounts	-34,741	.....	.....	-34,741	.....	.....
42.00 Transferred from other accounts	33,900	.....	.....	33,900	.....	.....
43.00 Appropriation (adjusted)	1,434,569	.....	.....	1,434,569	.....	.....
50.00 Reappropriation	47,000	.....	.....	47,000	.....	.....

Army

Other Procurement, Army

15 JAN 81

Program and Financing (in thousands of dollars)

Identification code 21-2035-0-1-051	Budget plan (amounts for procurement actions programed)			1981 Fiscal year program Obligations		
	1980 actual	1981 est.	1982 est.	1980 actual	1981 est.	1982 est.
Program by activities:						
Direct:						
1. Tactical and support vehicles	.....	226,000	.....	.....	149,700	52,200
2. Communications and electronics equipment	.....	1,401,558	.....	.....	952,036	331,547
3. Other support equipment	.....	596,100	.....	.....	365,530	127,400
Total direct	.....	2,223,658	.....	.....	1,467,266	511,147
Reimbursable program (total)	.....	427,100	.....	.....	298,961	85,420
10.00 Total	.....	2,650,758	.....	.....	1,766,227	596,567
Financing:						
Offsetting collections from:						
11.00 Federal funds	.....	-249,400	.....	.....	-249,400	.....
13.00 Trust funds	.....	-177,700	.....	.....	-177,700	.....
21.40 Unobligated balance available, start of year	.....	.....	.....	.....	.....	-884,531
24.40 Unobligated balance available, end of year	.....	.....	.....	.....	884,531	287,964
40.00 Budget authority	.....	2,223,658	.....	.....	2,223,658	.....

Army

Other Procurement, Army

15 JAN 81

Program and Financing (in thousands of dollars)

Identification code 21-2035-0-1-051

		Budget plan (amounts for procurement actions programed)			Obligations		1982 Fiscal year program
		1980 actual	1981 est.	1982 est.	1980 actual	1981 est.	1982 est.
	Program by activities:						
	Direct:						
	1. Tactical and support vehicles	.....	.....	289,700	.....	.....	191,202
	2. Communications and electronics equipment	.....	.....	1,294,900	.....	.....	872,260
	3. Other support equipment	.....	.....	741,100	.....	.....	471,500
	Total direct	.....	.....	2,325,700	.....	.....	1,534,962
	Reimbursable program (total)	.....	.....	373,700	.....	.....	261,590
10.00	Total	.....	.....	2,699,400	.....	.....	1,796,552
	Financing:						
	Offsetting collections from:						
11.00	Federal funds	.....	.....	-229,200	.....	.....	-229,200
13.00	Trust funds	.....	.....	-144,500	.....	.....	-144,500
24.40	Unobligated balance available, end of year	.....	.....	.....	.....	.....	902,848
40.00	Budget authority	.....	.....	2,325,700	.....	.....	2,325,700

(Supplemental now requested under existing legislation)

Program and Financing (in thousands of dollars)

Identification code 21-2035-1-1-051	Budget plan (amounts for procurement actions programed)			Obligations		
	1980 actual	1981 est.	1982 est.	1980 actual	1981 est.	1982 est.
Program by activities:						
Direct:						
10.00 Total	.....	36,000	.....	.....	23,760	8,280
Financing:						
21.40 Unobligated balance available, start of year	.....	.....	.....	.....	.....	-12,240
24.40 Unobligated balance available, end of year	.....	.....	.....	.....	12,240	3,960
40.00 Budget authority (appropriation)	.....	36,000	.....	.....	36,000	.....
Relation of obligations to outlays:						
71.00 Obligations incurred, net				.....	23,760	8,280
72.40 Obligated balance, start of year				.....	.....	21,260
74.40 Obligated balance, end of year				.....	-21,260	-16,240
90.00 Outlays				.....	2,500	13,300

(Supplemental now requested under existing legislation)

Object Classification (in thousands of dollars)

Identification code 21-2035-1-1-051		1980 actual	1981 est.	1982 est.
	Other services:			
25.0	Other	.....	4,560	1,580
26.0	Supplies and materials	.....	2,800	1,000
31.0	Equipment	.....	16,400	5,700
		==========	==========	==========
99.9	Total obligations	.....	23,760	8,280

OTHER PROCUREMENT, ARMY

Section 2

INTRODUCTORY STATEMENT

Section 2 - INTRODUCTORY STATEMENT

This appropriation finances the acquisition of: (a) Tactical and commercial vehicles including trucks, semi-trailers, and trailers of all types to provide mobility and utility support to field forces and the worldwide logistical system: (b) communications and electronics equipment of all types to provide fixed, semifixed, and mobile strategic and tactical communications equipment; (c) other support equipment such as chemical defensive equipment, tactical bridging, shop sets, construction equipment, floating and rail equipment, generators and power units, material handling equipment, medical support equipment, special equipment for user testing and nonsystem training devices. In each of these activities funds are also included for modification of in-service equipment, investment spares and repair parts, and production base support.

OTHER PROCUREMENT, ARMY

Section 3

SUMMARY OF REQUIREMENTS

SUMMARY OF REQUIREMENTS (In Thousands of Dollars)

Appropriation: OTHER PROCUREMENT, ARMY	FY 1980 Actual	FY 1981 Estimate	FY 1982 Estimate
Tactical and Support Vehicles	62,087	226,000	289,700
Communications and Electronics Equipment	1,034,349	1,401,558	1,294,900
Other Support Equipment	386,572	* 632,100	741,100
Total Direct Program	1,483,008	2,259,658	2,325,700
Reimbursable Program	252,066	427,100	373,700
TOTAL PROGRAM REQUIREMENTS	1,735,074	2,650,758	2,699,400
Less: Portion of program to be obligated in subsequent fiscal years	- 484,327	- 884,531	- 902,848
Plus: Obligations incurred agains prior year program funds	+ 502,836	+ 451,013	+ 781,175
TOTAL OBLIGATIONS	1,753,583	2,217,240	2,577,727

* Includes $36,000 thousand supplemental Request

OTHER PROCUREMENT, ARMY

Section 4

Budget Activity Justifications

Activity 1 - Tactical and Support Vehicles

Activity 2 - Communications and Electronics Equipment

Activity 3 - Other Support Equipment

82 JUSTIFICATION BOOK

Department of the Army Annual Budget Estimates JUSTIFICATION	Appropriation Other Procurement, Army		FY 1982 Budget
Budget Program or Budget Project Account	(Thousands of Dollars)		
	Actual	Estimate	Estimate
	FY 1980	FY 1981	FY 1982
Direct Obligation or Direct Budget Plan	$ 62,087	$ 226,000	$ 289,700

Section 1 - PURPOSE AND SCOPE

These funds provide for the procurement and manufacture of tactical and support vehicles and associated equipment. The tactical vehicles are of the type normally used by operation and support forces, and include prime movers and general purpose vehicles usually equipped with multi-wheel drive to satisfy cross country mobility needs. The support vehicles are of the administrative type which are generally equipped with two-wheel drive and are commercial in nature; included are such items as truck tractors, panel trucks, carryalls and special purpose vehicles.

Section 2 - JUSTIFICATION OF FUNDS REQUESTED

The major categories of vehicles included in the request are: Tactical Vehicles - $211.8 million for dolly sets, trailers, semitrailers and trucks; Commercial Vehicles - $11.8 million for vehicles used in administrative support, and maintenance and service tasks worldwide; Support Equipment and Facilities - $66.1 million for spares and repair parts and production base support.

Department of the Army Annual Budget Estimates JUSTIFICATION	Appropriation		FY 1982 Budget
Budget Program or Budget Project Account	(In Thousands of Dollars)		
	Actual	Estimate	
Activity 2 - COMMUNICATIONS AND ELECTRONICS EQUIPMENT	Fiscal Year 1980	Fiscal Year 1981	Fiscal Year 1982
Direct Obligations or Direct Budget Plan	$ 1,034,349	$ 1,401,558	$ 1,294,900

Section 1 - PURPOSE AND SCOPE

These funds provide for procurement, manufacture, depot rebuild facilities equipment, modification and production base support of communications and electronics equipment and high dollar value depot reparable assemblies/components for initial provisioning and replenishment requirements. Funds are included for satellite communications, radio, countermeasures, combat wire communications, night vision, photographic, combat surveillance, target acquisition, strategic, tactical, communications securing and electronics equipment.

Section 2- JUSTIFICATION OF FUNDS REQUIRED

This request supports the Army's requirements for both tactical and strategic communications worldwide and includes: $10.9 million for US Readiness Command Communications; $102.4 million for Joint Tactical Communications (TRI-TAC); $176.4 million for Combat Support Communications; $8.8 million for Strategic Communications (STARCOM/NDCS); $3.9 million for Long Haul Communications (DCS); $103.6 million for Defense Satellite Communications; $50.7 million for Tactical Satellite Communications;$19.7 million for EUCOM Command, Control, and Communication Systems; $91.2 million for Communications Security Equipment; $28.4 million for Base Communications; $43.4 million for National Military Command System Communications; and $15.0 million for Test, Measurement, and Diagnostic Equipment (Telecommunications). These communications are essential to field, and sustain in the field, the combat elements of the Army and to provide command and control over these forces by the National Command Authorities, the Joint Chiefs of Staff, and others in the chain of command.

This request also provides for Other Electronics Systems and Equipment including: $ 6.3 million for Intelligence Support; $5.9 million for the General Defense Intelligence Program; $114.5 million for Automatic Data Processing Equipment; $11.5 million for Audio Visual Equipment; $52.4 million for Electronic Warfare; $228.2 million for Tactical electronics consisting of Surveillance, Target Acquisition and Night Observation (STANO) equipment; $36.8 million for Automatic Test, Measurement, and Diagnostic Equipment; and $184.9 million for Support Equipment and Facilities including Spares and Repair Parts ($ 171.1 million), Production Base Support $13.8 million composed of Depot Maintenance Plant Equipment ($4.5 million), Manufacturing Technology ($8.9 million), and Provision of Industrial Facilities ($0.4 million). The equipment in these categories is required to sustain troops in combat, provide electronic advantages and protection to the individual soldier, and to help him carry the battle to the enemy. It also provides for sustaining the production base to exploit latest developments in miniaturization, solid state circuitry, and modular fabrication.

The FY 82 budget provides the critical C-E systems and equipments necessary to continue modernization and improve the communications-electronics posture of the Army in order to provide reduced reaction times, greater efficiency in strategic and tactical developments in so far as the limited TOA resources allow.

Department of the Army Annual Budget Estimates JUSTIFICATION	Appropriation OTHER PROCUREMENT, ARMY		FY 1982 Budget
Budget Program or Budget Project Account	(Thousands of Dollars)		
	Actual	Estimate	Estimate
ACTIVITY 3 - OTHER SUPPORT EQUIPMENT	FY 1980	FY 1981	FY 1982
Direct Obligation or Direct Budget Plan	$ 386,572	$ 632,100	$ 741,100

Section 1 - PURPOSE AND SCOPE

These funds provided for procurement, manufacture, and conversion of combat support, construction, floating and rail, generator, materiels handling, and medical support equipment. These funds also provide for initial and replenishment spares and production base support associated with this activity.

Section 2 - JUSTIFICATION AND FUNDS REQUESTED

The requested program is necessary to provide $13.7 million for tactical bridging equipment; $22.5 million for protective chemical equipment; $20.4 million for various shop repair equipment; $23.5 million for Topographic Support System; $34.6 million for various engineer Construction Equipment; $53.2 million for POL equipment; $12.4 million for Ground Emplacement Mine Scattering System; $8.0 million for Position Azimuth Determining System; $8.0 million for various air conditioner; $41.8 million for Armored Combat Earthmover; $21.4 million for various cranes; $23.9 million for Base Level Commercial Equipment; $19.2 million for railroad flatcars; $83.1 million for forklifts; $50.7 million for generators; $74.2 million for medical support equipment; $10.7 million for Medical Unit Self-Contained Transportable (MUST) Components; $6.8 million for callibration set support; $20.7 million for both initial and replenishment repair parts; $30.1 million for the National Training Center; $41.7 million for non-systems training devices; $7.5 million for special equipment for user testing; $24.9 million for various production base support projects; $33.6 million for various water supply equipment; $29.3 million for items with an acquisition value of less than $900,000; and $25.2 million for miscellaneous support equipment.

OTHER PROCUREMENT, ARMY

Section 5

Comparison of Program Requirements and **Financing**

Comparison of FY 1981 program requirements as reflected in the FY 1981 budget with FY 1981 program requirements as shown in the FY 1982 budget.

Comparison of FY 1981 financing as reflected in the FY 1981 budget with FY 1981 financing as shown in FY 1982 budget.

Comparison of FY 1980 program requirements as reflected in the FY 1981 budget with FY 1980 program requirements as shown in the FY 1982 budget.

Comparison of FY 1980 financing as reflected in the FY 1981 budget with FY 1980 financing as shown in the FY 1982 budget.

COMPARISON OF FY 1981 PROGRAM REQUIREMENTS
AS SHOWN IN FY 1981 BUDGET WITH
FY 1981 PROGRAM REQUIREMENTS AS SHOWN IN FY 1982 BUDGET

STATUS OF 1981 REQUIREMENTS (In Thousands of Dollars)

Appropriation	Total Program Requirements for FY 81 Budget	Program Requirements Per FY 1982 Budget	Increase (+) or Decrease (-)
Activity 1 - Tactical and Support Vehicles	226,700	[illegible]	[illegible]
Activity 2 - Communications and Electronics Equipment	1,333,358	[illegible]	[illegible]
Activity 3 - Other Support Equipment	553,800	[illegible]	[illegible]
Total	2,113,858	[illegible]	[illegible]

1. Tactical and Support Vehicles. Net [illegible] is a result of miscellaneous [illegible] program requirements.

2. Communications and Electronics Equipment. Net increase of [illegible] thousand is a result of Congressional action on the FY 81 budget request which provided increases totalling [illegible] thousand and decreases totalling $14,500 thousand.

3. Other Support Equipment. Net increase of [illegible] thousand is a result of Congressional action on the FY 81 budget request which provided increases totalling [illegible] thousand and decreases totalling $14,100 thousand; miscellaneous [illegible] overall reprogramming [illegible] increase of [illegible] thousand in planned supplemental request of [illegible] thousand.

COMPARISON OF FY 1981 FINANCING AS REFLECTED
IN THE FY 1981 BUDGET WITH FY 1981 FINANCING
AS SHOWN IN FY 1982 BUDGET

(In Thousands of Dollars)

Appropriation: OTHER PROCUREMENT, ARMY	Financing Per FY 1981 Budget	Financing Per FY 1982 Budget	Increase (+) or Decrease (-)
Program Requirements, (Total)	2,329,758	2,686,758	+ 357,000
Program Requirements (Service Account)	(2,129,758)	(2,259,658)	(+ 129,900)
Program Requirements (Reimbursable)	200,000	(427,100)	(+ 227,100)
Less:			
Anticipated reimbursements	200,000	427,100	+ 227,100
Reprograming from prior year budget plans	-0-	-0-	
Unobligated balance available from prior year to finance new budget plans	-0-	-0-	
Unobligated balance transferred from other accounts	-0-	-0-	
Add:			
Unobligated balance transferred to other accounts	-0-	-0-	
Unobligated balance available to finance subsequent year budget plans	-0-	-0-	
BUDGET AUTHORITY	2,129,758	2,259,658	129,900
BUDGET AUTHORITY Appropriation	2,129,758	2,259,658	129,900

COMPARISON OF FY 1980 PROGRAM REQUIREMENTS
AS REFLECTED IN FY 1981 BUDGET WITH
FY 1980 PROGRAM REQUIREMENTS AS SHOWN IN FY 1982 BUDGET

SUMMARY OF REQUIREMENTS (In Thousands of Dollars)

Appropriation: OTHER PROCUREMENT, ARMY	Total Program Requirements Per FY 80 Budget	Program Requirements Per FY 1981 Budget	Increase (+) or Decrease (-)
Activity 1 - Tactical and Support Vehicles	86,000	62,087	- 23,913
Activity 2 - Communications and Electronics Equipment	999,810	1,034,349	+ 34,539
Activity 3 - Other Support Equipment	396,600	386,572	- 10,028
TOTAL	1,482,410	1,483,008	+ 598

1. Tactical and Support Vehicles. Net decrease of $23,913 thousand results from Congressional approval of supplemental appropriation which added $200 thousand and Congressionally-approved reprogramming actions which (a) transferred $2,213 thousand to Military Personnel Army 1980; (b) transferred $24,500 thousand to Communications and Electronics budget activity within Other Procurement, Army to fund a portion of the TACFIRE reprogramming; and (c) increased the Tactical and Support Vehicles Program by $2,600 thousand to fund the 10-ton truck.

2. Communications and Electronics Equipment. Net increase of $34,539 thousand results from - Congressional approval of supplemental appropriation which reduced the appropriation by $8,200 thousand; Congressionally - approved reprogramming actions which (a) transferred $18,300 thousand to other appropriations, and (b) added $59,600 thousand to this activity to partially fund TACFIRE; and utilization of $1,439 thousand from the reimbursable program.

3. Other Support Equipment. Net decrease of $10,028 thousand results from Congressional approval of supplemental appropriation which reduced the appropriation by $2,200 thousand and Congressionally approved reprogramming actions which (a) transferred $2,228 thousand to other appropriations and (b) transferred $5,600 thousand to Communications and Electronics budget activity within Other Procurement, Army to fund a portion of the TACFIRE reprogramming.

COMPARISON OF FY 1980 FINANCING AS REFLECTED
IN THE FY 1981 BUDGET WITH FY 1980 FINANCING
AS SHOWN IN FY 1982 BUDGET

(In Thousands of Dollars)

Appropriation:	Financing Per FY 1981 Budget	Financing Per FY 1982 Budget	Increase (+) or Decrease (-)
Program Requirements, (Total)	1,654,810	1,7[illegible],074	+ [illegible]
Program Requirements (Service Account)	(1,454,810)	(1,48[illegible],008)	(+ 28,[illegible])
Program Requirements (Reimbursable)	(200,000)	(252,066)	(+ 52,[illegible])
Less:			
Anticipated reimbursement	200,000	253,505	+ 53,505
Reprogramming from prior year budget plans	-0-	-0-	-0-
Unobligated balance available from prior year to finance new budget plans	-0-	-0-	-0-
Unobligated balance transferred from other accounts	-0-	-0-	-0-
Add:			
Unobligated balance transferred to other accounts	-0-	-0-	-0-
Unobligated balance available to finance subsequent year budget plans.			-0-
BUDGET AUTHORITY	1,454,810	1,481,569	+ 26,759
BUDGET AUTHORITY			
Appropriation	1,435,410	1,435,410	-0-
Transferred to other accounts	- 27,600	- 34,741	- 7,141
Transferred from other accounts		+ 33,900	+ 33,900
Appropriation (Adjusted)	1,407,810	1,434,569	+ 26,759
Reappropriation	47,000	4[illegible],000	

OTHER PROCUREMENT, ARMY

Section 6

Selected Data Sheets

OTHER PROCUREMENT, ARMY
TACTICAL VEHICLE DATA SHEET

Service: ARMY

P-1 Line Item: 1

Nomenclature: Chassis, Trailer, Generator, 2 1/2 Ton, 2 Wheel, M200A1

Description/Mi[illegible] A wheeled tactical transport vehicle of the special equipment category designed to transport primarily generators of 10 to 60 kilowatt capacity. It consists of a single drop axle trailer chassis without body. It has spring leaf suspension without shock absorbers.

Cost Data ($ Mil):

	FY 1980		FY 1981		FY 1982	
	Qty	Amt	Qty	Amt	Qty	Amt
Weapons System Cost	646	2.5	596	2.5	1704	7.5

Basis for FY 1982 Request: To support interchange requirements for the Improved HAWK, PERSHING II and Power units (PU) PU 405 PU 406, PU 707, PU 732 and PU 650, AN/MJQ-10, AN/MJQ-15 and AN/MJQ-12 and POMCUS.

Contract Data:

Major Subsystem	Contractor	Type of Last Contract
Trailer	TO BE SELECTED	Firm Fixed Price

Production Rate:

	FY 1980	FY 1981	FY 1982	FY 1983
Funded	646	596	(1704)	XXXX
Achieved	421	(404)	(982)	(1560)

Inventory Objective:

	END FY 1980 FDP 1/	END FY 1981 FDP	END FY 1982 FDP
Force Sales - DFE 2/	XXXX	XXXX	24
Inventory Objective	XXXX	XXXX	10952
On Hand/On Order	4569	5037	6640
% Inventory Objective Achieved	41.7	46.0	60.6

1/ FDP = Funded Delivery Period
2/ DFE = Division Force Equivalent

OTHER PROCUREMENT, ARMY
TACTICAL VEHICLE DATA SHEET

Service: ARMY

P-1 Line Item: 2

Nomenclature: Dolly Set, Transportable Shelter, 2 1/2 Ton, M720

Description/Mission: 2 1/2 ton transport vehicle consisting of front and rear dollies designed to lift and transport various shelters containing electronic gear and tool sets. Item primarily used in various aviation units.

Cost Data ($ Mil):

	FY 1980		FY 1981		FY 1982	
	Qty	Amt	Qty	Amt	Qty	Amt
Weapons System Cost	0	0	237	2.2	391	3.8

Basis for FY 1982 Request: These Dolly sets are required to support the interchange requirements for the AVUM shop sets

Contract Data:

Major Subsystem	Contractor	Type of Last Contract
Dolly Set	TO BE SELECTED	Firm Fixed Price

Production Data:

	FY 1980	FY 1981	FY 1982	FY 1983
Funded	-0-	237	(391)	XXXX
Delivered		(36)	(238)	(360)

Inventory/Objective:

	END FY 1980 FDP 1/	END FY 1981 FDP	END FY 1982 FDP
Force Units - DFE 2/	XXXX	XXXX	24
Inventory Objective	XXXX	XXXX	870
On Hand/On Order	111	347	737
% Inventory Objective Achieved	12.8	39.9	84.7

1/ FDP = Funded Delivery Period
2/ DFE = Division Force Equivalent

OTHER PROCUREMENT, ARMY
LACK OF VEHICLE DATA SHEET

Service: ARMY

P-1 Line Item: -

Nomenclature: Semitrailer, Breakbulk Container, 22 1/2 Ton, M871 (C/S)

Description Mission: A commercially designed 22 1/2 ton dual purpose semitrailer, designed to be pulled by the 5-ton truck tractor. It will also be capable of operation with the Commercial Line Haul Tractor. It consists of a cargo bed and frame with side racks and stakes and a securement system for containers. This semitrailer is one of two which will eventually replace the 12-Ton Stake Semitrailer M127A2C in its entirety. The other is the 34-Ton M872. Since the present M127A2C is inadequate for expanded Line Haul Container Loading Operations, this 22 1/2 Ton Semitrailer will be used primarily in forward areas where a limited degree of off-road mobility is required.

Cost Data ($ Mil):

	FY 1980		FY 1981		FY 1982	
	Qty	Amt	Qty	Amt	Qty	Amt
Weapons System Cost	399	5.6	498	7.8	442	7.4

Basis for FY 1982 Request: Required to provide the capability to transport containers of various sizes up to 20 feet in length.

Contract Data:

Major Subsystem	Contractor	Type of Last Contract
Trailer	Southwest	Fixed Price with Economic Price Adjustment

[illegible]

	FY 1980	FY 1981	FY 1982	FY 1983
[illegible]	[illegible]	498	(442)	XXXX
[illegible]	[illegible]	(651)	(549)	(220)

[illegible]

	END FY 1980 FDP [1]	END FY 1981 FDP	END FY 1982 FDP
[illegible]	XXXX	XXXX	24
[illegible] Objective	XXXX	XXXX	4106
[illegible] Under	[illegible]	1430	1864
Percent [illegible] Objective Achieved	22.8	34.8	45.4

[1] FDP = Funded Delivery Period
[2] DFE = Division Force Equivalent

[illegible]

Service: [illegible]

P-1 Line Item: [illegible]

Nomenclature: Semitrailer, Tank, 5000 gallon

Description/Mission: Military 5000 gallon tank semitrailer designed to be towed by the military 5 ton tractor. This semitrailer will replace existing semitrailers - the 5000 gallon bulk fuel hauler and the 5000 gallon fuel servicer.

Cost Data ($ Mil):

	FY 1980		FY 1981		FY 1982	
	Qty	Amt	Qty	Amt	Qty	Amt
Weapons System Cost	-0-	-0-	-0-	-0-	[illegible]	0.7

Basis for FY 1982 Request: Required to transport water in support of the Baseline Rapid Deployment Force. New units, uncontaminated by fuel, are required. No uncontaminated units in inventory.

Contract Data:

Major Subsystem	Contractor	Type of Last Contract
Semitrailer	TO BE SELECTED	Firm Fixed Price

Production Rate:

	FY 1980	FY 1981	FY 1982	FY 1983
Funded	-0-	-0-	(120)	XXXX
Achieved	-0-	-0-	(35)	(85)

Inventory Objective:

	END FY 1980 FDP 1/	END FY 1981 FDP	END FY 1982 FDP
Line Units - DFE 2/	XXXX	XXXX	24
Inventory Objects	XXXX	XXXX	3551
On Hand/On Order	2909	2868	2947
% Inventory Objective Achieved	81.9	80.8	83.0

1/ FDP = Funded Delivery Period

2/ DFE = Division Force Equivalent

OTHER PROCUREMENT, ARMY

TACTICAL VEHICLE DATA SHEET

Service: ARMY

P-1 Line Item: 8

Nomenclature: Semitrailer, Van, Electronic, 6 Ton, 2 wheel, M373A2

Description/Mission: A military design, 30 feet long, Van Semitrailer designed to be pulled by the military design 5 Ton Tractor.

Cost Data ($ Mil):

	FY 1980		FY 1981		FY 1982	
	Qty	Amt	Qty	Amt	Qty	Amt
Weapons System Cost	-0-	-0-	-0-	-0-	235	7.5

Basis for FY 1982 Request: To support interchange requirements for PERSHING II, ROLAND, Electronic Shop AN/ASM - 189A and AN/ASM - 190A.

Contract Data:

Major Subsystem	Contractor	Type of Last Contract
Semitrailer	TO BE SELECTED	Firm Fixed Price

[illegible]:

	FY 80	FY 81	FY 82	FY 83
[illegible]	-0-	-0-	(235)	XXXX
[illegible]	25	-0-	(3)	(232)

[illegible] Objective

	END FY 80 FDP 1/	END FY 81 FDP	END FY 82 FDP
[illegible] Units - DFE 2/	XXXX	XXXX	24
Inventory Objective	XXXX	XXXX	1770
In Hand/On Order	1195	1189	1418
% Inventory Objective Achieved	67.5	67.2	80.1

1/ FDP = Funded Delivery Period
2/ DFE = Division Force Equivalent

OTHER PROCUREMENT, ARMY
TACTICAL VEHICLE DATA SHEET

Service: ARMY

P-1 Line Item: 12

Nomenclature: Trailer, Cargo, 3/4 Ton, 2 Wheel, M101A1, W/E

Description/Mission: This is a single axle 3/4 ton capacity, 2 wheel cargo trailer designed to be towed by a 1 1/4 ton truck, used to transport power units and generators, welding set, diving set, hydraulic repair outfit, and water pretreatment decontamination set.

Cost Data ($ Mil):

	FY 1980		FY 1981		FY 1982	
	Qty	Amt	Qty	Amt	Qty	Amt
Weapons System Cost	-0-	-0-	-0-	-0-	901	2.3

Basis for FY 1982 Request: To support interchange requirements for Power Unit (PU) 625G, PU 375 and PU 617.

Contract Data:

Major Subsystem	Contractor	Type of Last Contract
Trailer	TO BE SELECTED	Firm Fixed Price

[illegible]:

	FY 1980	FY 1981	FY 1982	FY 1983
	-0-	-0-	(901)	XXXX
	-0-	-0-	(48)	(853)

[illegible]:

	END FY 1980 FDP 1/	END FY 1981 FDP	END FY 1982 FDP
[illegible] - DFE 2/	XXXX	XXXX	24
[illegible] Objective	XXXX	XXXX	31807
[illegible] Order	25008	24851	25595
[illegible] Objective	78.6	78.1	80.5

[illegible]

- [illegible] Funded Delivery Period
- [illegible] Division Force Equivalent

OTHER PROCUREMENT, ARMY
TACTICAL VEHICLE DATA SHEET

Service: ARMY

P-1 Line Item: 15

Nomenclature: High Mobility Multi-Purpose Wheeled Vehicle (HMMWV)

Description/Mission: The High Mobility Multipurpose Wheeled Vehicle (HMMWV) Program is a Tri-Service Program, under Army lead, to provide a single family of vehicles, utilizing a common chassis with various body configurations to meet Marine Corps, Air Force, and Army requirements. The family is needed to replace the M274 MULES, M561 GAMA GOATS, and M792 Ambulances, and to selectively replace M151 Jeeps and the M880 family of Utility Trucks. Vehicles from the Commercial Utility and Cargo Vehicle Program will replace the remaining portion. The vehicle is a lightweight high performance, four wheel drive, air transportable and droppable vehicle. The vehicle will have a diesel engine, automatic transmission and 2500 pound payload capability.

Cost Data ($ Mil):

	FY 1980		FY 1981		FY 1982	
	Qty	Amt	Qty	Amt	Qty	Amt
Weapons System Cost	-0-	-0-	-0-	-0-	-0-	3.6

Basis for FY 1982 Request: Dollars are to cover the Army portion of the first year support costs.

Contract Data:

Major Subsystem	Contractor	Type of Last Contract
Truck	TO BE SELECTED	NOT APPLICABLE

	FY 1980	FY 1981	FY 1982	FY 1983
	-0-	-0-	-0-	XXXX
	-0-	-0-	-0-	(0)

	END FY 1980 FDP 1/	END FY 1981 FDP	END FY 1982 FDP
[illegible] 2/	XXXX	XXXX	24
[illegible] Objective	XXXX	XXXX	3/
[illegible]	0	0	0
[illegible] Objective Met	0	0	0

[illegible] = Funded Delivery Period
[illegible] = Division Force Equivalent
[illegible] Minimum [illegible] 43,000).

OTHER PROCUREMENT, ARMY
TACTICAL VEHICLE DATA SHEET

Service: ARMY

P-1 Line Item: 16

Nomenclature: Truck, 5 Ton, 6X6, All Body Types (ABT)

Description/Mission: A wheeled tactical vehicle powered by a liquid cooled, 6-cylinder, diesel engine. It has 6-wheel drive, can ford 2 1/2 feet of water without a deep water fording kit, and 6 feet of water with a kit. It is produced in 7 body styles: cargo, dump, tractor, van, wrecker, stake and bolster.

Cost Data ($ Mil):

	FY 1980		FY 1981		FY 1982	
	Qty	Amt	Qty	Amt	Qty	Amt
Weapons System Cost	-0-	-0-	526	42.2	1067	98.1

Basis for FY 1982 Request: Urgently required to fill shortages in troop units, POMCUS and in maintenance float.

Contract Data:

Major Subsystem	Contractor	Type of Last Contract
Truck	TO BE SELECTED	Fixed Price with Economic Price Adjustment

[illegible] Data:

	FY 1980	FY 1981	FY 1982	FY 1983
Funded	0	526	(1067)	XXXX
Delivered	623	(319)	(1068)	(525)

[illegible] Objective:

	END FY 1980 FDP 1/	END FY 1981 FDP	END FY 1982 FDP
[illegible] - DFE 2/	XXXX	XXXX	24
[illegible] Objective	XXXX	XXXX	58595
On Hand [illegible] Order	32,507	32,359	32,724
[illegible] Objective Achieved	55.5	55.2	55.8

1/ FDP = Funded Delivery Period
2/ DFE = Division Force Equivalent

OTHER PROCUREMENT, ARMY
TACTICAL VEHICLE DATA SHEET

Service: ARMY

P-1 Line Item: 17

Nomenclature: Truck, 10 Ton, 8x8, All Body Types (ABT) 1/

Description/Mission: A wheeled tactical transport vehicle powered by an 8 cylinder diesel engine. This truck will transport ammunition, petroleum, oils, lubricants (POL) and missile systems and can be used for recovery of other heavy wheeled support vehicles and combat systems.

Cost Data ($ Mil):

	FY 1980		FY 1981		FY 1982	
	Qty	Amt	Qty	Amt	Qty	Amt
Weapons System Cost	10	2.6	284	54.7	379	69.4

Basis for FY 1982 Request: Required to provide mobility and prelaunch survivability of missile systems by insuring their timely movement from one combat launching site to another. Major systems supported include the Multiple Launch Rocket System (MLRS), PERSHING II, PATRIOT, Etc.

Contract Data:

Major Subsystem	Contractor	Type of Last Contract
Truck	TO BE SELECTED	N/A
Truck	Maschinenfabrik Augsburg-Nuernberg (M.A.N.)	Fixed Price, Multi-year

1/ Includes Heavy Expanded Mobility Tactical Truck (HEMTT) and the M.A.N. 10 Ton Truck.

[illegible]

	FY 1980	FY 1981	FY 1982	FY 1983
	[illegible]	284	(379)	XXXX
	[illegible]	[illegible]	(284)	(379)

[illegible] Objective:

	END FY 1980 FDP [illegible]	END FY 1981 FDP	END FY 1982 FDP
[illegible] FY [illegible]	XXXX	XXXX	24
[illegible] Objective	XXXX	XXXX	20507
[illegible] Order [illegible]	[illegible]	1575	1951
[illegible] FY Objective	9.3	7.7	4.5

[illegible] = Funded Delivery Period
[illegible] = Division Force Equivalent
[illegible] [illegible] TOER assets as this vehicle will eventually replace the [illegible].

OTHER PROCUREMENT, ARMY

Tactical Telecommunications Equipment Data Sheet

Service: Army

P-1 Line Item: 23

Nomenclature: TCSE Equipment (TCSEDCOM)

Description Mission: An Army TSAI fully equipped special activity under control of the JCS and assigned to the U.S. Readiness Command (USREDCOM). This element is a command control tactical field communications unit designed to provide rapid communications for a joint task force headquarters under any of the unified specified commanders.

Cost Data ($Mil):

	FY 1980		FY 1981		FY 1982	
	Qty	Amt	Qty	Amt	Qty	Amt
Weapons System Cost		3.8		5.0		11.4

Basis for FY 1982 Request: The Army is funding 50% of the equipment for the Joint Communications Support Element. FY 1982 program includes Digital Group Modems; Digital Nonsecure Voice Terminals; SHF Satellite Terminals with secure package, anti-jam modems, Government furnished equipment, and multiplexers; UHF satellite terminals; and Univac Computer Systems.

[illegible] DEVELOPMENT, ARMY

[illegible] Equipment [illegible]

[illegible]

[illegible]

[illegible] Central [illegible], [illegible], Alabama, AL [illegible]

[illegible] equipment that provides [illegible] version of the [illegible]

[illegible]:

	FY 1979		FY 1981		FY 1982	
	Qty	Amt	Qty	Amt	Qty	Amt
[illegible] Cost	[illegible]			0	1	4.0

[illegible] 1982 Request: This is the third year of a three-year multiyear TRI-TAC switches contract.

[illegible]:

Major Activities	Contractor	Type of Last Contract
Central [illegible], AL [illegible]	GTE Sylvania Needham, MA	SSM-3/FP(FY80,81,82)

[illegible]

[illegible]	FY 1981	FY 1982	FY 1983	FY 1984
[illegible]	0	1	XXXX	XXXX
[illegible]	0	0	(0)	(1)

[illegible]

	END FY 1980 FDP[1]	END FY 1981 FDP	END FY 1982 FDP
[illegible][2]	XXXX	XXXX	24
Inventory Objective	XXXX	XXXX	13
[illegible] Backlog Order	0	0	1
[illegible] Inventory Objective Achieved	0	0	0

1/ FDP = Funded Delivery Period
2/ DFE = Division Force Equivalent

[illegible] DEPARTMENT, ARMY
[illegible] Procurement Data Sheet

[illegible] Fort [illegible], AL [illegible]

[illegible] tri-service stable tactical and automatic switch that will provide, [illegible] AN/TYC-39 message switch can be used as a stand-alone [illegible] AN/TC-[illegible] circuit switch.

[illegible]:

	[illegible]		FY 1981		FY 1982	
	Qty	Amt	Qty	Amt	Qty	Amt
[illegible]	[illegible]	[illegible]	[illegible]	40.0	4	18.4

Basis for FY 1982 Request: This is the third year of a three-year multiyear TRI-TAC switches contract.

[illegible]:

Major Subsystem	Contractor	Type of Last Contract
Central Message Switch AN/TYC-39(V)1	GTE Sylvania Needham, MA	SSM-3/FP

Production Data:

	FY 1980	FY 1981	FY 1982	FY 1983
Funded	8	9	4	XXXX
Delivered	0	0	0	(21)

Inventory Objective:

	END FY 1980 FDP 1/	END FY 1981 FDP	END FY 1982 FDP
Force Units - DFE 2/	XXXX	XXXX	24
Inventory Objective	XXXX	XXXX	37
On Hand/On Order	8	17	21
% Inventory Objective Achieved	22	46	57

1/ FDP = Funded Delivery Period
2/ DFE = Division Force Equivalent

TRI-TAC PROCEUREMENT, ARMY

[illegible] Communications Equipment Data Sheet

[illegible]

[illegible]

[illegible]

[illegible] Mission: [illegible] Group Modem provides a radio terminal for TRI-TAC Non-repeated [illegible] systems (2 miles) and Short Haul Repeatered Coaxial Cable Systems (20 Miles). It provides for [illegible] Channel Mux, [illegible], and Data Orderwires.

[illegible]:

	FY 1980		FY 1981		FY 1982	
	Qty	Amt	Qty	Amt	Qty	Amt
[illegible] System Cost	5	6	35	1.1	77	2.3

Basis for FY 1982 Request: Second year of multi-year contract.

[illegible] Data:

Major Subsystem	Contractor	Type of Last Contract
Group Modem (GM)MD-1026	Raytheon Company Sudbury, MA	

Production Data:

	FY 1980	FY 1981	FY 1982	FY 1983	FY 1984
Funded	0	35	77	XXXX	XXXX
Delivered	0	0	0	(35)	(77)

Inventory/Objective:

	END FY 1980 FDP 1/	END FY 1981 FDP	END FY 1982 FDP
Force Units - DFE 2/	XXXX	XXXX	24
Inventory Objective	XXXX	XXXX	3905
On Hand/On Order	0	35	112
% Inventory Objective Achieved	0	1	3

1/ FDP = Funded Delivery Period
2/ DFE = Division Force Equivalent

OTHER PROCUREMENT, ARMY
Tactical Telecommunications Equipment Data Sheet

Service: Army

P-1 Line Item: 38

Nomenclature: Maintenance Shelter, AN/ARM-164

Description/Mission: The AN/ARM-164 Maintenance Shelter will be located at communications nodes to provide I-E maintenance support to the associated switching equipment. It will contain the necessary tools, test equipment, and spare parts to support the required maintenance functions.

Cost Data (SMIL):

	FY 1980		FY 1981		FY 1982	
	Qty	Amt	Qty	Amt	Qty	Amt
Weapons System Cost	0	0	16	2.0	16	2.0

Basis for FY 1982 Request: First year of multiyear procurement to support the AN/TTC-39 and AN/TYC-39 switches.

Contract Data:

Major Subsystem	Contractor	Type of Last Contract
Maintenance Shelter, AN/ARM-164	Sacramento Army Depot, CA	None

Production Data:

	FY 1980	FY 1981	FY 1982	FY 1983
unded	0	16	16	XXXX
Delivered	0	0	(16)	(16)

Inventory/Objective:

	END FY 1980 FDP 1/	END FY 1981 FDP	END FY 1982 FDP
Force Units - DFE 2/	XXXX	XXXX	24
Inventory Objective	XXXX	XXXX	110 3/
On Hand/On Order	0	16	32
% Inventory Objective Achieved	0	15	29

1/ FDP = Funded Delivery Period
2/ DFE = Division Force Equivalent
3/ Estimated

OTHER PROCUREMENT, ARMY

Tactical Telecommunications Equipment Data Sheet

Service: Army

Pri Line Item: 48

Nomen Latum: Tac Dig Fax (TDF) AN/UXC-4

Description & Mission: The Tactical Digital Facsimile Set provides for rapid encrypted transmission of record traffic and for photographs and graphical information for 8 1/2" x 11" low resolution in 16 shades of gray 6.7 seconds for wideband channel (16 KB/S) and 45 seconds for narrowband channel (4800 B/S).

Cost Data ($Mil):

	FY 1980		FY 1981		FY 1982	
	Qty	Amt	Qty	Amt	Qty	Amt
Weapons System Cost	0	0	0	0	155	4.3

Basis for FY 1982 Request: First procurement of IRI-TAC facsimile.

Contract Data:

Major Subsystem	Contractor	Type of Last Contract
Tac Dig Fax(TDF) AN/UXC-4	Litton Sys Datalex Division Melville, NY	None

Production Data:

	FY 1980	FY 1981	FY 1982	FY 1983
Funded	0	0	155	XXXX
Delivered	0	0	0	(155)

Inventory/Objective:

	END FY 1980 FDP 1/	END FY 1981 FDP	END FY 1982 FDP
Force Units - DFE 2/	XXXX	XXXX	24
Inventory Objective	XXXX	XXXX	2614
On Hand/On Order	0	0	155
% Inventory Objective Achieved	0	0	6

1/ FDP = Funded Delivery Period
2/ DFE = Division Force Equivalent

OTHER PROCUREMENT, ARMY
Tactical Telecommunications Equipment Data Sheet

Unit Cost: [illegible]

P-1 Line Item: [illegible]

Nomenclature: Cable Assembly CX-11230/G

Description of Mission: CX-11230/G is a ragged coaxial cable assembly equipped with connectors at both ends. It is used for transmission of wideband 12/48/96 channel carrier systems at all levels in a theater of operation.

Cost Data ($ Mil):

	FY 1980		FY 1981		FY 1982	
	Qty	Amt	Qty	Amt	Qty	Amt
Weapons System Cost	0	0	0	0	7500	7.0

Basis for FY 1982 Request: Required to satisfy AAO requirements.

Contract Data:

Major Subsystem	Contractor	Type of Last Contract
Cable Assembly CX-11230/G	Triangle Electronics Poughkeepsie, NY	C/FP

Production Data:

	FY 1980	FY 1981	FY 1982	FY 1983
Funded	0	0	7500	XXXX
Delivered	0	0	0	(7500)

Inventory Objective:

	END FY 1980 FDP 1/	END FY 1981 FDP	END FY 1982 FDP
Force Units - DFE 2/	XXXX	XXXX	24
Inventory Objective	XXXX	XXXX	56779
On Hand/On Order	0	0	31867
% Inventory Objective Achieved	0	0	56

1/ FDP = Funded Delivery Period
2/ DFE = Division Force Equivalent

[illegible] ARMY

Tactical [illegible] Equipment Data Sheet

[illegible]

[illegible]

[illegible] Command [illegible] Central, TX [illegible]

[illegible] Mission: The AN/TSC-99 provides [illegible] and data communications (high frequency radio and ultra [illegible] satellite record [illegible]) between Special Forces base stations and outstations at distances up [illegible] kilometers. Equipment is designed to process message traffic semi-automatically and includes [illegible] transmitters and receivers. Stations consist of available commercial items packaged in military [illegible].

[illegible] Mill:

	FY 1980		FY 1981		FY 1982	
	Qty	Amt	Qty	Amt	Qty	Amt
[illegible] System Cost	[illegible]	6.8	0	0	15	21.9

[illegible] FY 1982 Request: Fill Special Forces urgent requirements.

[illegible] Data:

Major Subsystem	Contractor	Type of Last Contract
Communications Central, AN/TSC-99	Rockwell International Dallas, TX	CM-3/FP(FY80,81,82)

[illegible]

	FY 1980	FY 1981	FY 1982	FY 1983
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

[illegible]

	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]

[illegible] - [illegible]
[illegible] [illegible] Equivalent

[illegible] ARMY
[illegible] Equipment Data Sheet

[illegible] Army

[illegible]

Nomenclature: [illegible] Buffer, [illegible], [illegible]

The [illegible] Data Buffer provides a [illegible] for wideband secure voice and high speed serial data [illegible]. It [illegible] 32 [illegible] second-, [illegible] Inventory multichannel transmission systems. It provides a [illegible] digital transmission capability when used with multiplexers TD-660 and TD-352. It is the [illegible] application in a [illegible] switched systems to secure digital switched systems developed under the [illegible] program.

Cost Data in $M:

	FY 1980		FY 1981		FY 1982	
	Qty	$M	Qty	$M	Qty	$M
Weapons System Cost	[illegible]	[illegible]	286	[illegible]	4.6	7.8

Basis for FY 1982 Request: Second year [illegible] multiyear buy to equip Army units with these urgently required items and to provide interface with [illegible] equipment.

Contract Data:

Major Subcontractor	Contractor	Type of Last Contract
Data Buffer, [illegible]	Raytheon Company Sudbury, MA	(FY80) Option [illegible] FP Contract

Procurement Data:

	FY 1980	FY 1981	FY 1982	FY 1983	FY 1984
Total	430	[illegible]	420	XXXX	XXXX
Delivery	[illegible]	(430)	(0)	(391)	([illegible])

Inventory Availability:

	END FY 1980 FDP[1]	END FY 1981 FDP	END FY 1982 FDP
[illegible] Units - DES[2]	XXXX	XXXX	24
Inventory Objective	XXXX	XXXX	8248
On Hand on Order	[illegible]	1286	1706
Inventory Objective Months	12	16	21

[1] FDP = Funded Delivery Period
[2] DES = Division Force Equivalent

OTHER PROCUREMENT, ARMY

Artillery Telecommunications Equipment Data Sheet

[illegible]

[illegible]: [illegible]

Nomenclature: Improved High Frequency Radio

Description of Mission: The Improved High Frequency (HF) Radio, employing automatic tuning, will operate in the Amplitude Modulation (AM), Single Sideband (SSB), Continuous Wave (CW), and data transmission modes, and will be compatible with secure voice and data equipments. The radio will be fielded in two basic configurations: Low Power (Manpack Vehicular) and Medium Power (Vehicular).

Cost Data ($ Mil):

	FY 1980		FY 1981		FY 1982	
	Qty	Amt	Qty	Amt	Qty	Amt
Weapons System Cost		3.5		6		4.0

Basis for FY 1982 Request: The request for FY82 will provide a communications capability for Air Defense Artillery, Armored Cavalry, and other mobile units in Europe beyond the range of current VHF-FM radios. These mobile units operate across greater distances than most tactical units. If the FY82 request is denied, these units will continue to operate at times without adequate command and control communications.

OTHER PROCUREMENT, ARMY

Tactical Telecommunications Equipment Data Sheet

Service: Army

P-1 Line Item: 63

Nomenclature: AN/TRC-113 Radio Repeater

Description/Mission: The AN/TRC-113 is a radio repeater terminal designed for re-transmitting a 12 channel Pulse Code Modulation (PCM) system between major unit Headquarters in Divisions and tactical Air Defense units. It can also be used with the AN/TCC-65 multiplexer terminal to terminate multichannel communications systems.

Cost Data ($ Mil):

	FY 1980		FY 1981		FY 1982	
	Qty	Amt	Qty	Amt	Qty	Amt
Weapons System Cost	0	0	0	0	60	12.4

Basis for FY 1982 Request: Fill AAO requirements.

Contract Data:

Major Subsystem	Contractor	Type of Last Contract
AN/TRC-113 Radio Repeater	CERCOM Ft Monmouth, NJ	In-house assembly

[illegible]

	FY 1980	FY 1981	FY 1982	FY 1983	FY 1984
[illegible]	[illegible]	[illegible]	60	XXXX	XXXX
[illegible]	[illegible]	[illegible]	(0)	(0)	(60)

Inventory objective:

	END FY 1980 FDP [1]	END FY 1981 FDP	END FY 1982 FDP
Force Units - DFE [2]	XXXX	XXXX	24
Inventory Objective	XXXX	XXXX	553
On Hand/On order	0	0	312
% Inventory Objective Achieved	0	0	56

1. FDP = Funded Delivery Period
2. DFE = Division Force Equivalent

OTHER PROCUREMENT, ARMY
Tactical Telecommunications Equipment Data Sheet

Service: Army

P-1 Line Item: 6

Nomenclature: Radio Repeater AN/TRC-152

Description Mission: The AN/TRC-152 is a Corps level and higher Pulse Code Modulation (PCM) radio repeater. It is used to provide 12 or 24 channels of communications as a radio repeater, a split radio terminal, or a cable repeater. It uses the AN/GRC-103 Radio Set and is housed in a 2 1/2 ton truck shelter.

Cost Data ($ Mil):

	FY 1980		FY 1981		FY 1982	
	Qty	Amt	Qty	Amt	Qty	Amt
Weapons System Cost	21	3.1	0	0	53	14.3

Basis for FY 1982 Request: Fill urgent field requirements for Corps level multi-channel equipment.

Contract Data:

Major Subsystem	Contractor	Type of Last Contract
Radio Repeater AN/TRC-152	Tobyhanna Army Depot	Government Owned Government Operated (GOGO)

Production Data:

	FY 1980	FY 1981	FY 1982	FY 1983	FY 1984
Funded	41	0	53	XXXX	XXXX
Delivered	(0)	(21)	(0)	(35)	(18)

Inventory Objective:

	END FY 1980 FDP [1]	END FY 1981 FDP	END FY 1982 FDP
Force Units - DFE [2]	XXXX	XXXX	24
Inventory Objective	XXXX	XXXX	604
On Hand/On Order	414*	414*	467*
% Inventory Objective Achieved	[illegible]	[illegible]	77

1/ FDP = Funded Delivery Period
2/ DFE = Division Force Equivalent

* In lines 341 [illegible] series AN TRC-174 repeaters.

OTHER PROCUREMENT, ARMY
Tactical Telecommunications Equipment Data Sheet

Service: Army

Budget Item: [illegible]

Nomenclature: Radio Set, AN/GRC-103

Description/Mission: The AN/GRC-103 is a general purpose radio set used in conjunction with 12/24 channel Pulse Code Modulation (PCM) multiplex equipment. It is the primary radio for the current Army tactical multichannel systems, air defense artillery multichannel systems and for the digital multiplex equipment developed under the TRI-TAC program.

Cost Data ($ Mil):

	Qty FY 1980		FY 1981		FY 1982	
	Qty	Amt	Qty	Amt	Qty	Amt
Weapon system cost	-0-	-0-	145	8.9	162	9.4

Basis for FY 1982 Request: For PATRIOT missile terminals.

Contract Data:

Major Subsystem	Contractor	Type of Last Contract
Radio Set AN/GRC-103	Canadian Marconi Montreal, Canada	CPFF

Production Data:

	FY 1980	FY 1981	FY 1982	FY 1983	FY 1984
Funded	0	145	162	XXXX	XXXX
Delivered	0	(0)	(0)	(127)	(180)

Inventory/Objective:

	END FY 1980 FDP 1/	END FY 1981 FDP	END FY 1982 FDP
Force Units - DFE 2/	XXXX	XXXX	24
Inventory Objective	XXXX	XXXX	5313
On Hand/On Order	2784	3161	3568
% Inventory Objective Achieved	52	60	67

1/ FDP = Funded Delivery Period
2/ DFE = Division Force Equivalent

OTHER PROCUREMENT, ARMY
Other Telecommunications Equipment Data Sheet

Service: Army

Pol Line Item: 67

Nomenclature: Radio Set, AN/PRC-77 Series

Description/Mission: The AN/PRC-77 is a small lightweight VHF-FM radio for use in the forward areas. The set is available in three basic configurations: manpack, manpack/vehicular combination, and vehicular only. The vehicular set is used in smaller vehicles, or in larger vehicles where the 3-5 mile range is adequate for the mission. All sets in this series can be secured by the TSEC/KY-57 (VINSON) or the older TSEC/KY-38 (NESTOR).

Cost Data ($ Mil):

	FY 1980		FY 1981		FY 1982	
	Qty	Amt	Qty	Amt	Qty	Amt
Weapons System Cost	0	0	0	0	4450	6.9

Basis for FY 1982 Request: The radios requested for FY82 are required to prevent further deterioration of the asset posture. Unless the FY82 request is approved, normal losses will result in a decline to 45% of the Army inventory objective, which will seriously impair combat readiness of tactical forces.

Contract Data:

Major Subsystem	Contractor	Type of Last Contract
Radio Set, AN/PRC-77	To Be Determined	FFP

Production Data:

	FY 1980	FY 1981	FY 1982	FY 1983	FY 1984
Funded	0	0	4450	XXXX	XXXX
Delivered	0	0	0	0	(4450)

Inventory Objective:

	END FY 1980 FDP [1]	END FY 1981 FDP	END FY 1982 FDP
Force Units - DFE [2]	XXXX	XXXX	24
Inventory Objective	XXXX	XXXX	158086
On Hand On Order	76564	74315	76575
Inventory Objective Achieved	48	47	48

1. FDP = Funded Delivery Period
2. DFE = Division Force Equivalent

OTHER PROCUREMENT, ARMY

[illegible] Communications Equipment Data Sheet

Service: Army

P-1 Line Item: 68

Nomenclature: Radio Set, AN/VRC-12 Series

Description Mission: The AN/VRC-12 Series FM radio set designed for vehicular or shelter-mounted applications in general tactical use. The components of this series are used in various combinations to form eight basic configurations. These sets are used in armored vehicles, missile and field artillery units, command posts, trucks, and other vehicles. All sets in this series can be secured by the TSEC/KY-57(VINSON).

Cost Data ($ Mil):

	FY 1979		FY 1981		FY 1982	
	Qty	Amt	Qty	Amt	Qty	Amt
Weapons System Cost	0	0	0	0	6015	37.4

Basis for FY 1982 Request: The radios requested for FY82 are required to prevent further deterioration of the asset posture. Unless the FY82 request is approved, normal losses will result in a decline to 47% of the Army inventory objective, which will severely impact combat readiness of tactical forces.

Contract Data:

Major Subsystem	Contractor	Type of Last Contract
Radio Set, AN/VRC-12	To Be Determined	FFP

[illegible]:

	FY 1980	FY 1981	FY 1982	FY 1983	FY 1984
[illegible]	[illegible]	[illegible]	[illegible]	XXXX	XXXX
[illegible]	[illegible]	[illegible]			[illegible]

[illegible] [illegible]:

	END FY 1980 FDP[1]	END FY 1981 FDP	END FY 1982 FDP
[illegible] - DPE[2]	XXXX	XXXX	24
[illegible]	XXXX	XXXX	144952
[illegible] Random Order	71100	69870	74757
[illegible] Objective Achieved	[illegible]	48	52

1/ FDP = Fund & Deliver Period
2/ DPE = Division Force Equivalent

[illegible] FROM SIEMENS, ARMY
[illegible] Communications Equipment [illegible]

Service:

Pri Line Item: [illegible]

Nomenclature: [illegible] Terminal AN/[illegible]

Description Mission: [illegible] AN/[illegible] [illegible] Terminal capable of terminating two [illegible] Modulated [illegible] between [illegible] Headquarters in Middle East [illegible] is used in [illegible] to support [illegible] units that display [illegible] [illegible] all [illegible] tactical shelter.

Cost Data ($ Mil):

	FY 1980		FY 1981		FY 1982	
	Qty	Amt	Qty	Amt	Qty	Amt
Weapons System Cost	[illegible]	[illegible]	9	[illegible]	30	[illegible]

Basis for FY 1982 Request: Fill current field requirement.

Contract Data:

Major Subsystem	Contractor	Type of Last Contract
S-250 Shelter	Schenker Mobile Sys, Dallastown, PA	C/FP
S-390 Shelter Facility	Kellett Corp, Willow Grove, PA	C/FP
AN/GRC-[illegible] Radio Set	Canadian Marconi, Montreal, Canada	C/FP
CY-[illegible] Signal Converter	[illegible] (United Telecontrol Electronics) Asbury Park, NJ	C/FP
TD-[illegible] Multiplexer	[illegible] Electric, [illegible], Fla.	C/FP

	FY 1982	FY 1982	FY 1983	FY 1984
[illegible]	[illegible]	36	XXXX	XXXX
[illegible]	[illegible]	(0)	(0)	(36)

	BEG FDP	BEG FY 1981 FDP	END FY 1984
[illegible]		XXXX	[illegible]
[illegible]	[illegible]	XXXX	1634
[illegible]	[illegible]	892	924
[illegible]		55	57

FDP = Funded Delivery Period
DEF = Division Force Equivalent

[illegible] ARMY
[illegible] Equipment Data Sheet

[illegible]

[illegible]

[illegible] Modulation (PCM) radio terminal. [illegible] It uses the AN/GRC-193 Radio Set and [illegible] Serial Data Buffer [illegible], it is compatible with [illegible].

[illegible]

	FY 1981		FY 1982	
	Qty	Amt	Qty	Amt
[illegible]	-0-	-0-	102	21.[illegible]

[illegible] requests for Corps level multichannel equipment.

[illegible]

[illegible]	Contractor	Type of Last Contract
[illegible]	Scranton Army Depot	Government Owned Government Operated (GOGO)

[illegible] 1 [illegible] 5/81

Production Data:

Funded	FY 1980	FY 1981	FY 1982	FY 1983	FY 1984
Funded	13	0	102	XXXX	XXXX
Delivered	0	(13)	(0)	(30)	(72)

Inventory Objective:

	END FY 1980 FDP 1/	END FY 1981 FDP	END FY 1982 FDP
Force Units - DFE 2/	XXXX	XXXX	24
Inventory Objective	XXXX	XXXX	750
On Hand On Order	595*	585**	687**
% Inventory Objective Achieved	79	78	92

1/ FDP = Funded Delivery Period
2/ DFE = Division Force Equivalent

* Includes 528 substitute items (AN/TRC-117)
** Includes 518 substitute items (AN/TRC-117)

OTHER PROCUREMENT, ARMY

Tactical Telecommunications Equipment Data Sheet

Service: Army

P-1 Line Item: 72

Nomenclature: Small Unit Transceiver, AN/PRC-68

Description/Mission: The AN/PRC-68 Radio is a VHF (FM) single channel transceiver weighing only 46 ounces, designed for use at the small unit level. The radio provides short range, two way voice communications and is interoperable with all military VHF(FM) radios in the 30-80 MHz frequency range.

Cost Data ($ Mil):

	FY 1980		FY 1981		FY 1982	
	Qty	Amt	Qty	Amt	Qty	Amt
Weapons System Cost	2414	6.0	2677	8.2	2620	8.4

Basis for FY 1982 Request: To provide AN/PRC-68 to high priority active Army units for use at the combat squad level and artillery battery level for small unit control and intrabattery communications. The radio will replace the current squad radios, AN/PRT-4 and AN/PRR-9.

Contract Data:

Major Subsystem	Contractor	Type of Last Contract
Small Unit Transceiver, AN/PRC-68	MAGNAVOX Ft Wayne, IN	FFP

Production Data:

	FY 1980	FY 1981	FY 1982	FY 1983	FY 1984
Funded	2414	2677	2620	XXXX	XXXX
Delivered	721	(1759)	(2757)	(2175)	(1829)

Inventory Objective:

	END FY 1980 FDP 1/	END FY 1981 FDP	END FY 1982 FDP
Force Units - DFE 2/	XXXX	XXXX	24
Inventory Objective	XXXX	XXXX	25000 3/
On Hand On Order	3944	6621	9241
% Inventory Objective Achieved	16	26	37

1/ FDP = Funded Delivery Period
2/ DFE = Division Force Equivalent
3/ Estimated

OTHER PROCUREMENT, ARMY

Tactical Telecommunications Equipment Data Sheet

Service: Army

Pol Line Item: 75

Nomenclature: Telephone Field TA-838

Description & Mission: The TA-838 is a solid state dual tone modulated frequency (DTMF) two wire/ four wire telephone intended for use in automatic switching systems under tactical conditions. Operating power is obtained from common or local batteries.

Cost Data ($ Mil):

	FY 1980		FY 1981		FY 1982	
	Qty	Amt	Qty	Amt	Qty	Amt
Weapons System Cost	2395	1.6	-0-	-0-	4641	4.1

Basis for FY 1982 Request: Fill urgent field requirements.

Contract DAta:

Major Subsystem	Contractor	Type of Last Contract
Telephone Field TA-838	Apoca Ind. Deer Park, Long Island, NY	SS/8A SBA Set-Aside

Procurement Data:

	FY 1980	FY 1981	FY 1982	FY 1983	FY 1984
Funded:	[illegible]	0	3641	XXXX	XXXX
Delivered:	(0)	(0)	(2343)	(3400)	(1241)

Inventory Data:

	END FY 1980 FDP[1/]	END FY 1981 FDP	END FY 1982 FDP
Force Units - DFE[2/]	XXXX	XXXX	24
Inventory Objective	XXXX	XXXX	20,444
On Hand on Order	7843	7767	12,342
% Inventory Objective	38	38	60

1/ FDP = Funded Delivery Period
2/ DFE = Division Force Equivalent

OTHER PROCUREMENT, ARMY
Tactical Telecommunications Equipment Data Sheet

Service: Army

Line Item Item: 77

Nomenclature: FM Multiplexer TD-1289

Description Mission: The FM transceiver Multiplexer will have the capability of combining two to five tactical radio transceivers, each with a power output capability of 60 watts, on a single antenna. The Multiplexer used in combination with an omnidirectional broadband antenna, such as the OE-254, will result in a simpler, faster, and less detectable installation with reliable and predictable isolation between individual transceivers.

Cost Data ($ Mil):

	FY 1980		FY 1981		FY 1982	
	Qty	Amt	Qty	Amt	Qty	Amt
Weapons System Cost	245	4.5	1200	6.0	368	2.4

Basis for FY 1982 Request: To provide the FM transceiver multiplexer to combat units at all echelons from theater down through battalion levels. This device will reduce the time required to set up or take down the communications complex for tactical command posts by reducing the required number of antennas. The smaller number of antennas will reduce both the visual and the electronic profile, thus reducing the detectability of the command post. The multiplexer, by providing reliable and predictable isolation between transceivers, will simplify frequency assignments and provide better spectrum utilization.

Contract Data:

Major Subsystem	Contractor	Type of Last Contract
FM Multiplexer, TD-1289	Collins Radio Cedar Rapids, IA	FFP

[illegible]:

	FY 1980	FY 1981	FY 1982		FY 1983	FY 1984
[illegible]	245	1266	368	=	XXXX	XXXX
[illegible]	0	0	(245)		(200)	(1368)

[illegible]:

	END FY 1980 FDP[1]	END FY 1981 FDP	END FY 1982 FDP
[illegible][2]	XXXX	XXXX	24
[illegible]	XXXX	XXXX	6766
[illegible] Order	245	1445	1813
[illegible] Objective Achieved	4	21	2.7

1. FDP = Funded Delivery Period
2. DFE = Division Force Equivalent

OTHER PROCUREMENT, ARMY
Other Telecommunications Equipment Data Sheet

Service: Army

P-1 Line Item: 80

Nomenclature: Joint Crisis Management Capability (JCMC)

Description Mission: Joint Crisis Management Capability (JCMC) provides the commanders of the unified commands in airborne/transportable package to rapidly deploy for crisis management and joint military contingency operations. The system will provide jam-resistant circuits from deployed locations to the unified commands.

Cost Data ($ Mil):

	FY 1980		FY 1981		FY 1982	
	Qty	Amt	Qty	Amt	Qty	Amt
Weapons System Cost		0	1	14.3	4	43.3

Basis for FY 1982 Request: Provides procurement of off-the-shelf military and commercially developed equipment to produce five complete JCMC packages. Delay of funds places the Army program out of synchronization with Air Force aircraft modifications.

OTHER PROCUREMENT, ARMY

Other Telecommunications Equipment Data Sheet

Service: Army

P-1 Line Item: 82

Nomenclature: Army Telecommunications Automation Program (ATCAP)

Description/Mission: ATCAP is designed to consolidate, automate, and standardize telecommunications centers and provide improved record traffic services and writer-to-reader message services to U.S. Forces commanders worldwide. These automated facilities are capable of supporting an increasing number of management information systems while providing more efficient narrative communications services with reduced manpower requirements.

Cost Data ($ Mil):

	FY 1980		FY 1981		FY 1982	
	Qty	Amt	Qty	Amt	Qty	Amt
Weapons System Cost		10.1		16.8		7.8

Basis for FY 1982 Request: Provides Army with automated telecommunications center functions through the use of state-of-the-art Standard Remote Terminals, teletypewriters, and Automated Multi-Media Exchanges; also provides automation of manual telecommunications center functions. Denial of FY 1982 funds will result in retention of telecommunications facilities which are inadequate to meet operational requirements of modern armed forces, and which are experiencing rapidly escalating maintenance costs. Personnel reductions have already been instituted in anticipation of these improvements.

OTHER PROCUREMENT, ARMY

Other Telecommunications Equipment Data Sheet

Service: Army

P-1 Line Item: 90

Nomenclature: Worldwide Technical Control Improvement Program (WWTCIP)

Description/Mission: A Defense Communications Agency (DCA) managed program to increase the functional capability of existing manual technical control, and patch and test facilities, and to provide evolutionary growth of automatic and processor assisted technical controls for the worldwide Defense Communications System (DCS). Upgrading these facilities is necessary to provide control for new transmission technology circuits (digital), and in order that trouble on circuits may be detected and corrected before outages occur. These technical control facilities provide for day-to-day testing and control of DCS facilities worldwide.

Cost Data ($ Mil):

	FY 1980		FY 1981		FY 1982	
	Qty	Amt	Qty	Amt	Qty	Amt
Weapons System Cost		0		7.5		2.0

Basis for FY 1982 Request: Provides for upgrading technical control facilities in Europe so as to be commensurate with new technology (digital) being employed. The upgrades are in support of new transmission systems and for correction of operational deficiencies. Denial of FY 1982 funds to accomplish required upgrades would result in technical control personnel being unable to monitor, test, and reroute circuits in the new and existing transmission systems. Consequently, the systems would degrade or fail with no systematic restoration of service.

OTHER PROCUREMENT, ARMY
Other Telecommunications Equipment Data Sheet

Service: Army

P-1 Line Item: [illegible]

Nomenclature: Defense Satellite Communications Systems (DSCS)

Description Mission: DSCS is a national program to provide a global secure, jam resistant secure communication system to satisfy unique and vital command, control, and intelligence communications in support of the National Command Authority (NCA), Worldwide Military Command Control system (WWMCCS), Joint Chiefs of Staff, Diplomatic Telecommunications system, Defense Communications System, and other intelligence and early warning requirements of the Military Departments. DSCS provides a communication link to the Rapid Deployment Forces, National emergency Airborne Command Post/SAC Airborne Command Post, the CINC Combined Forces Command, Unified/Specified Commands, selected combat forces commands. Additionally, DSCS provides intra-area strategic tactical command and control communications support to worldwide CINC's.

Cost Data ($ Mil):

	FY 1980		FY 1981		FY 1982	
	Qty	Amt	Qty	Amt	Qty	Amt
Weapons System Cost		102.3		107.9		103.6

Basis for FY 1982 Request: The FY 1982 program includes jam resistant secure communications Super High Frequency (SHF) satellite transportable terminals and associated communications subsystems to support Worldwide Military Command and Control System (WWMCCS) crises management; increased anti-jam protection for accessing DSCS satellites; DSCS III satellite configuration control subsystems; Real-Time Adaptive Control Segment (RTACS) to provide an increased automated capability to monitor, control, and reconfigure the system as conditions warrant; DSCS/Ground Mobile Forces (GMF) Control Interface Facility to control tactical satellite communications terminals during crises situations. Should the FY 1982 request be denied, Army will not be able to continue multi-year contracts for jam resistant secure communications, thereby delaying completion of WWMCCS requirements; continued use of an aging manual DSCS control system will be required instead of a near real-time system; Air Force launch of the DSCS III satellites will be delayed due to nonavailability of the Satellite Configuration Control Element.

OTHER PROCUREMENT, ARMY
Other Intelligence Communications Equipment Data Sheet

Service: Army

Line Item: [illegible]

Nomenclature: Single Channel Satellite Radio, Manpack

Description and Mission: This Single Channel Satellite Manpack Radio operates through UHF satellites or in the Line-of-Sight mode, and provides both voice and data transmissions. It is deployed with Special Forces, Rangers, and Rapid Deployment Units. This radio significantly extends operating ranges and usage due to its inherent low probability of intercept, burst communications mode, and light weight characteristic.

Program (M$):

FY 1980		FY 1981		FY 1982	
Qty	Amt	Qty	Amt	Qty	Amt
[illegible]	0	0	0	70	3.4

Basis for FY 1982 request: The FY 1982 program supports D-Day forces and war reserves for the Forward Deployed and Rapid Deployment Forces. If the FY 1982 request is denied, the affected forces will continue to experience serious communications deficiencies through use of 15-25 year old, high frequency radios that are easily intercepted and difficult to maintain.

	FY 1980	FY 1981	FY 1982	FY 1983	FY 1984
[illegible]	[illegible]	[illegible]	[illegible]	XXXX	XXXX
[illegible]	[illegible]	[illegible]	[illegible]	104	74

	[illegible]	END FY 1981 FLP	END FY 1982 FLP
[illegible]	XXXX	XXXX	27
[illegible]	XXXX	XXXX	271
[illegible]	[illegible]	104	174
[illegible]	[illegible]	38	64

[illegible]

[illegible] PROCUREMENT, ARMY
[illegible] Equipment Data Sheet

[illegible]

[illegible]

[illegible] Satellite Ground [illegible] Terminal, AN [illegible]

[illegible]: The AN [illegible] is a multi-channel, super high frequency (SHF) tactical satellite communications [illegible]. It provides up to [illegible] voice channels of jam-resistant multi-point communications that is [illegible], [illegible] rapid set-up/tear-down and relatively independent of terrain and weather conditions. [illegible] needed improvements [illegible] Army tactical force readiness.

[illegible] ($ Mil):

	FY 1980		FY 1981		FY 1982	
	Qty	Amt	Qty	Amt	Qty	Amt
[illegible] System cost	[illegible]	8	[illegible]	17.2	24	22.6

[illegible] FY 1982 Request: The FY 1982 program [illegible] multi-year procurement which started in [illegible], and provides additional terminals to [illegible] forward deployed and rapid deployment forces. If the [illegible] request is denied, the operating [illegible] terrestrial equipment would have to be extended [illegible] phase-out schedules with the result [illegible] command and control communications will [illegible] tactical forces. In addition to the [illegible], contract termination charges will be [illegible].

AD-A097 382 DEPUTY CHIEF OF STAFF FOR RESEARCH DEVELOPMENT AND AC--ETC F/G 15/5
DEPARTMENT OF THE ARMY JUSTIFICATION OF ESTIMATES FOR FISCAL YE--ETC(U)
JAN 81

UNCLASSIFIED NL

2

AD
A097382

END
DATE
FILMED
5 81
DTIC

Contract Data:

Major Subsystem	Contractor	Type of Last Contract
-	Harris Corporation Melbourne, Fla	Fixed Price

Production Data:

	FY 1980	FY 1981	FY 1982	FY 1983	FY 1984
Funded	0	12	24	XXXX	XXXX
Delivered	0	0	(14)	(21)	(8)

Inventory/Objective:

	END FY 1980 FDP 1/	END FY 1981 FDP	END FY 1982 FDP
Force Units - DFE 2/	XXXX	XXXX	24
Inventory Objective	XXXX	XXXX	187
On Hand/On Order	14	26	50
% Inventory Objective Achieved	8	14	27

1/ FDP = Funded Delivery Period
2/ DFE = Division Force Equivalent

OTHER PROCUREMENT, ARMY
Other Telecommunications Equipment Data Sheet

Service: Army

P-1 Line Item: 104

Nomenclature: Satellite Communications Terminal, AN/TSC-93

Description/Mission: The AN/TSC-93 is a multichannel, super high frequency (SHF) tactical satellite communications terminal. It provides point-to-point or non-nodal communications up to 24 voice channels. It provides tactical jam-resistant means of communications that is highly mobile, capable of rapid set-up/tear-down, and relatively independent of terrain and weather conditions. It provides needed improvements to maintain Army tactical force readiness.

Cost Data ($Mil):

	FY 1980		FY 1981		FY 1982	
	Qty	Amt	Qty	Amt	Qty	Amt
Weapons System Cost	0	0	21	12.0	52	24.7

Basis for FY 1982 Request: The FY 1982 program continues the multi-year procurement which started in FY 1979, and provides additional terminals to support forward deployment and rapid deployment forces. If the FY 1982 request is denied, the operating lifetime of existing terrestial equipment would have to be extended beyond planned phaseout schedules with the result that less reliable command and control communications will be used by tactical forces. In addition to the operational impact, contract termination charges will be incurred.

Contract Data:

Major Subsystem	Contractor	Type of Last Contract
	Harris Corporation, Melbourne, Fla	Fixed Price

Production Data:

	FY 1980	FY 1981	FY 1982	FY 1983	FY 1984
Funded	0	21	52	XXXX	XXXX
Delivered	0	0	(23)	(43)	(17)

Inventory/Objective:

	END FY 1980 FDP 1/	END FY 1981 FDP	END FY 1982 FDP
Force Units - DFE 2/	XXXX	XXXX	24
Inventory Objective	XXXX	XXXX	221
On Hand/On Order	24	45	97
% Inventory Objective Achieved	11	20	44

1/ FDP = Funded Delivery Period
2/ DFE = Division Force Equivalent

OTHER PROCUREMENT, ARMY
Other Telecommunications Equipment Data Sheet

Service: Army

P-1 Line Item: 105

Nomenclature: EUCOM C^3 (NWS)

Description/Mission: This program is designed to upgrade the command and control and communications (C^3) for the critical Nuclear Weapons Storage (NWS) sites of the U.S. European Command (EUCOM). The mid-term High Frequency (HF) upgrade (REGENCY NET) project will provide AN/MRC-XX(v)1 and MRC-XX(v)2 transportable terminals for use at detachment and Corps/field artillery Group levels respectively. The terminals will be fully integrated with the satellite communications terminal AN/MSC-64 and will replace radio sets AN/MRC-117, AN/TRC-133A, AN/FRC-93.

Cost Data ($ Mil):

	FY 1980		FY 1981		FY 1982	
	Qty	Amt	Qty	Amt	Qty	Amt
Weapons System Cost		2.4		7.3		19.7

Basis for FY 1982 Request: Will provide funding for procurement of shelter mounted transportable high frequency (HF) radios and necessary engineering support for upgrade of communications at NWS sites in Europe. If Army request is denied, deterioration of NWS communications will continue until antiquated HF equipments can no longer be maintained.

OTHER PROCUREMENT, ARMY
Other Telecommunications Equipment Data Sheet

Service: Army

P-1 Line Item: 109

Nomenclature: Ded Loop Encryp Dev KG-84

Description/Mission: The Dedicated Loop Encryption Device, TSEC/KG-84, was developed under the TRI-TAC program to encrypt data and teletypewriter signals from dedicated (unswitched) AN/TYC-39 subscribers to a store and forward module. It is also intended to meet other point-to-point and netted record and data COMSEC requirements such as CRITICOM, WWMCCS, and DSCS.

Cost Data ($ Mil):

	FY 1980		FY 1981		FY 1982	
	Qty	Amt	Qty	Amt	Qty	Amt
Weapons System Cost	1037	8.8	586	5.0	914	6.9

Basis for FY 1982 Request: The KG-84 is required to encrypt certain circuits in both tactical (TRI-TAC) and strategic (DSCS) applications for the Army and common users (Defense Communications System). The FY82 program includes KG-84 equipment to provide interoperability of satellite communications systems with terrestrial systems such as the Automatic Digital Network (AUTODIN).

Contract Data:

Major Subsystem	Contractor	Type of Last Contract
Ded Loop Encry Dev, KG-84	Bendix Towson, MD	FFP

Production Data:

	FY 1980	FY 1981	FY 1982	FY 1983	FY 1984
Funded	1037	586	914	XXXX	XXXX
Delivered	25	(222)	(897)	(830)	(810)

Inventory/Objective:

	END FY 1980 FDP 1/	END FY 1981 FDP	END FY 1982 FDP
Force Units - DFE 2/	XXXX	XXXX	24
Inventory Objective	XXXX	XXXX	10436
On Hand/On Order	1284	1870	2784
% Inventory Objective Achieved	12	18	27

1/ FDP = Funded Delivery Period
2/ DFE = Division Force Equivalent

OTHER PROCUREMENT, ARMY
Tactical Telecommunications Equipment Data Sheet

Service: Army

P-1 Line Item: 114

Nomenclature: KGV-6/TSEC

Description/Mission: KGV-6 secures the user portion of the Position Locating Reporting system (PLRS), providing a secure transceiver, reporting and relay functions to a master unit (TSEC/KG-58) which performs centralized secure control functions for all participating PLRS user units. The PLRS is a tactical support system that will enhance ground, air, and amphibious operations, providing position location information on a real time basis.

Cost Data ($ Mil):

	FY 1980		FY 1981		FY 1982	
	Qty	Amt	Qty	Amt	Qty	Amt
Weapons System Cost	0	0	0	0	1097	3.8

Basis for FY 1982 Request: The FY 1982 request will provide the initial funding of this urgently required new capability. Position location and reporting is vital for targeting of artillery strikes and close air support, as well as for control of friendly forces.

Contract Data:

Major Subsystem	Contractor	Type of Last Contract
KGV-6/TSEC	Hughes Aircraft Co Fullerton, CA	None

Production Data:

	FY 1980	FY 1981	FY 1982	FY 1983	FY 1984
Funded	0	0	1097	XXXX	XXXX
Delivered	0	0	0	(263)	(804)

Inventory/Objective:

	END FY 1980 FDP 1/	END FY 1981 FDP	END FY1982 FDP
Force Units - DFE 2/	XXXX	XXXX	24
Inventory Objective	XXXX	XXXX	11799
On Hand/On Order	0	0	1097
% Inventory Objective Achieved	0	0	9

1/ FDP = Funded Delivery Period
2/ DFE = Division Force Equivalent

OTHER PROCUREMENT, ARMY
Tactical Telecommunications Equipment Data Sheet

Service: Army

P-1 Line Item: 115

Nomclature: Loop Key Gen, TSEC/KG-82

Description/Mission: The loop key generator, TSEC/KG-82, is used in the TRI-TAC system to provide the Message Switch, AN/TYC-39, with the cryptography necessary to establish and maintain communications with secure subscriber terminals. The Message Switch will use the KG-82 to encrypt/decrypt subscriber bound/originated traffic and signaling.

Cost Data ($ Mil):

	FY 1980		FY 1981		FY 1982	
	Qty	Amt	Qty	Amt	Qty	Amt
Weapons System Cost	245	1.4	347	1.6	681	3.8

Basis for FY 1982 Request: The FY 1982 request will provide COMSEC equipment to support fielding of the AN/TYC-39 (TRI-TAC) Message Switch.

Contract Data:

Major Subsystem	Contractor	Type of Last Contract
Loop Key Gen, TSEC/KG-82	RCA Camden, NJ	CPIF

Production Data:

	FY 1980	FY 1981	FY 1982	FY 1983	FY 1984	FY 1985
Funded	245	347	681	XXXX	XXXX	XXXX
Delivered	0	0	0	(205)	(290)	(587)

Inventory/Objective:

	END FY 1980 FDP 1/	END FY 1981 FDP	END FY 1982 FDP
Force Units - DFE 2/	XXXX	XXXX	24
Inventory Objective	XXXX	XXXX	6511
On Hand/On Order	245	592	1273
% Inventory Objective Achieved	4	9	20

1/ FDP = Funded Delivery Period
2/ DFE = Division Force Equivalent

OTHER PROCUREMENT, ARMY
Other Telecommunications Equipment Data Sheet

Service: Army

P-1 Line Item: 116

Nomenclature: Message Encrypt Module KN-2 (MABREY)

Description/Mission: The TSEC/KN-2 is a rack-mounted message encryption device providing secure communications in the Special Communications System which transmits Emergency Action Messages (EAM) for the National Command Authority. The KN-2 also provides such systems functions as data formatting, message generation, and address formatting. It provides encryption for VHF Satellite record traffic in three modes. The KN-2 will become an integral part of the AN/MSC-64 and AN/GSC-40 satellite communications terminals.

Cost Data ($ Mil):

	FY 1980		FY11981		FY 1982	
	Qty	Amt	Qty	Amt	Qty	Amt
Weapons System Cost	0	0	0	0	135	6.2

Basis for FY 1982 Request: This is the first year of production for the TSEC/KN-2. The KN-2 performs functions which cannot be performed by any other existing or planned equipment. This equipment must be provided in order for the Special Communications System to be operated securely.

Contract Data:

Major Subsystem	Contractor	Type of Last Contract
TSEC/KN-2	To Be Determined	None

Production Data:

	FY 1980	FY 1981	FY 1982	FY 1983	FY 1984
Funded	0	0	135	XXXX	XXXX
Delivered	0	0	0	0	(135)

Inventory/Objective:

	END FY 1980 FDP 1/	END FY 1981 FDP	END FY 1982 FDP
Force Units - DFE 2/	XXXX	XXXX	24
Inventory Objective	XXXX	XXXX	283
On Hand/On Order	0	0	135
% Inventory Objective	0	0	48

1/ FDP = Funded Delivery Period
2/ DFE = Division Force Equivalent

OTHER PROCUREMENT, ARMY
Other Telecommunications Equipment Data Sheet

Service: Army

P-1 Line Item: 120

Nomenclature: Speech Security Equipment, TSEC/KY-57

Description/Mission: A half-duplex, wideband, tactical secure voice equipment designed for manpack and vehicular application. New microminiaturized light weight equipment to provide secure voice communications for VHF-FM tactical radios used in armor, vehicular and manpack configurations. Provides secure data transmissions for tactical systems such as TACFIRE and FIREFINDER.

Cost Data ($ Mil):

	FY 1980		FY 1981		FY 1982	
	Qty	Amt	Qty	Amt	Qty	Amt
Weapons System Cost	8131	34.5	8325	34.5	8742	36.9

Basis for FY 1982 Request: Provides security for voice/data transmissions on the AN/PRC-25/77 and VRC-12 tactical radios.

Contract Data:

Major Subsystem	Contractor	Type of Last Contract
TSEC/KY-57	MAGNAVOX - Torrance, CA Honeywell - Tampa, FL	FFP

Production Data:

	FY 1980	FY 1981	FY 1982	FY 1983
Funded	8131	8325	8742	XXXX
Delivered	324	(13894)	(20712)	(14193)

Inventory/Objective:

	END FY 1980 FDP 1/	END FY 1981 FDP	END FY 1982 FDP
Force Units - DFE 2/	XXXX	XXXX	24
Inventory Objective	XXXX	XXXX	103798
On Hand/On Order	29638	37963	46705
% Inventory Objective Achieved	29	37	45

1/ FDP = Funded Delivery Period
2/ DFE = Division Force Equivalent

OTHER PROCUREMENT, ARMY
Other Telecommunications Equipment Data Sheet

Service: Army

P-1 Line Item: 121

Nomenclature: Speech Security Equipment, TSEC/KY-58

Description/Mission: Half-duplex, wideband secure voice equip designed for airborne tactical use. New microminiaturized light weight equipment to provide communications security for VHF-FM and UHF-AM radios in all tactical aircraft. This equipment is also required in some ground applications in the TRI-TAC program, as well as for tactical air traffic control operations.

Cost Data ($ Mil):

	FY 1980		FY 1981		FY 1982	
	Qty	Amt	Qty	Amt	Qty	Amt
Weapons System Cost	3345	9.3	2018	6.3	1591	4.8

Basis for FY 1982 Request: Provides security for aircraft radios and certain ground installations, including air traffic control.

Contract Data:

Major Subsystem	Contractor	Type of Last Contract
TSEC/KY-58	MAGNAVOX - Torrance, CA Honeywell - Tampa, FL	FFP

Production Data:

	FY 1980	FY 1981	FY 1982	FY 1983
Funded	3345	2018	1591	XXXX
Delivered	175	(2800)	(4908)	(3622)

Inventory/Objective:

	END FY 1980 FDP 1/	END FY 1981 FDP	END FY 1982 FDP
Force Units - DFE 2/	XXXX	XXXX	24
Inventory Objective	XXXX	XXXX	19745
On Hand/On Order	8149	10167	11758
% Inventory Objective Achieved	41	51	60

1/ FDP = Funded Delivery Period
2/ DFE = Division Force Equivalent

OTHER PROCUREMENT, ARMY
Other Telecommunications Equipment Data Sheet

Service: Army

P-1 Line Item: 123

Nomenclature: Tnk Encryp Dev, TSEC/KG-81

Description/Mission: The Trunk Encryption Device, TSEC/KG-81, is a general purpose full-duplex Key Generator used primarily for bulk encryption of multichannel traffic. In TRI-TAC applications, the KG-81 will encrypt trunk group traffic between circuit switches, traffic between loop group multiplexers and the circuit switch, and traffic between the circuit and store and forward message switches. In strategic communications applications, the KG-81 will encrypt trunk group traffic in switching centers at rates up to 20 Megabits/Sec.

Cost Data ($ Mil):

	FY 1980		FY 1981		FY 1982	
	Qty	Amt	Qty	Amt	Qty	Amt
Weapons System Cost	530	7.1	210	4.1	217	3.8

Basis for FY 1982 Request: Required to provide bulk encryption of high-volume voice and data circuits in the tactical (TRI-TAC) and strategic (Defense Satellite Communications System, Washington Area Wideband System, Digital European Backbone, and other communications programs). No other Key Generator is capable of encrypting multichannel communications at the high data rates of these systems.

Contract Data:

Major Subsystem	Contractor	Type of Last Contract
Tnk Encryp Dev, TSEC/KG-81	TRW-Colorado Electronics Colorado Springs, CO	FFP

Production Data:

	FY 1980	FY 1981	FY 1982	FY 1983	FY 1984
Funded	530	210	217	XXXX	XXXX
Delivered	155	(0)	(25)	(587)	(357)

Inventory/Objective:

	END FY 1980 FDP 1/	END FY 1981 FDP	END FY 1982 FDP
Force Units - DFE 2/	XXXX	XXXX	24
Inventory Objective	XXXX	XXXX	6444
On Hand/On Order	557	767	984
% Inventory Objective Achieved	9	12	15

1/ FDP = Funded Delivery Period
2/ DFE = Division Force Equivalent

OTHER PROCUREMENT, ARMY
Other Telecommunications Equipment Data Sheet

Service: Army

P-1 Line Item: 124

Nomenclature: BATSON II, TSEC/CI-14

Description/Mission: The BATSON II is designed to secure the Satellite Configuration Control Element (SCCE) for the DSCS III Communications satellite.

Cost Data ($ Mil)

	FY 1980		FY 1981		FY 1982	
	Qty	Amt	Qty	Amt	Qty	Amt
Weapons System Cost	0	0	5	5.4	5	5.5

Basis for FY 1982 Request: The FY 1982 request will provide COMSEC equipment to support fielding of the SCCE for DSCS III.

Contract Data:

Major Subsystem	Contractor	Type of Last Contract
BATSON II, TSEC/CI-14	To be Determined	None

Production Data:

	FY 1980	FY 1981	FY 1982	FY 1983	FY 1984
Funded	0	5	5	XXXX	XXXX
Delivered	0	0	0	(5)	(5)

Inventory/Objective:	END FY 1980 FDE 1/	END FY 1981 FDP	END FY 1982 FDP
Force Units - DFE 2/	XXXX	XXXX	24
Inventory Objective	XXXX	XXXX	12
On Hand/On Order	0	5	10
% Inventory Objective Achieved	0	42	83

1/ FDP = Funded Delivery Period
2/ DFE = Division Force Equivalent

OTHER PROCUREMENT, ARMY
Other Telecommunications Equipment Data Sheet

Service: Army

P-1 Line Item: 127

Nomenclature: Base Communications (EUCOM)

Description/Mission: Equipment for new installations, improvements and expansion of administrative telephone switching exchanges and other non-tactical telecom terminals at posts, camps and stations in Europe.

Cost Data ($ Mil):

	FY 1980		FY 1981		FY 1982	
	Qty	Amt	Qty	Amt	Qty	Amt
Weapons System Cost		13.0		22.4		28.4

Basis for FY 1982 Request: Provides European Telephone System switch upgrade to replace present prewar technology telephone switching equipment installed following World War II. Continued degradation of the old system, manpower intensive and difficult to maintain equipment necessitates upgrade with new technology. Denial of FY 1982 funds would directly affect readiness, ability of commands in Europe to carry out their missions, and mobilization of forces in alert situations.

OTHER PROCUREMENT, ARMY
Other Telecommunications Equipment Data Sheet

Service: Army

P-1 Line Item: 129

Nomenclature: TMDE Modernization

Description/Mission: The TMDE (Test Measurement and Diagnostic Equipment) Modernization program is designed to upgrade the manual TMDE in the Army inventory; procured equipment will be commercial off-the-shelf and will have greater accuracy and reliability than current equipment. New equipment will normally replace 10-20 items of existing equipment.

Cost Data ($ Mil):

	FY 1980		FY 1981		FY 1982	
	Qty.	Amt	Qty	Amt	Qty	Amt
Weapons System Cost	0	0	0	23.0	0	15.0

Basis for FY 1982 Request: The FY 1982 program is the second year of a five year program to modernize inventory TMDE.

OTHER PROCUREMENT, ARMY

Section 7

Analysis of Unobligated Balances

OTHER PROCUREMENT, ARMY

Analysis of Unobligated Balances - FY 1982 Program*

Category	Estimated Unobligated Dollars (Millions)	% of Total Unobligated
1. Reserved to support contracts	796.6	66.9
2. Engineering Changes	138.2	11.6
3. Other	256.0	21.5
Total Unobligated FY 1982	1190.8	100.0%

Based on past experience, it is predicted that the above amounts will remain unobligated at the end of FY 82. Reasons for the unobligated balance have been grouped into three general categories, and are detailed below. These unobligated amounts will therefore be required in subsequent fiscal years to complete the procurement of the FY 82 program.

1. Reserved to Support Contracts:

   a. Held pending award of firm contracts as opposed to letter orders.
   b. Amounts reserved for incentive contract payments.
   c. Reimbursements to be made to the Army Stock Fund for short leadtime materiel purchased as Government-furnished equipment for producers.
   d. Amounts held to support Product and Component Improvement Programs; modification for retrofit during production; modifications ordered by customers.
   e. Contractor claims, reserves to cover potential liabilities for contracts containing escalation clauses for labor or material cost increases and price redeterminations.
   f. Contract for close-out costs; packing, crating, handling and packaging and loading charges.
   g. Government-furnished equipment breakout procurements; federal excise tax and sales tax payments; preparation of manuals and technical data; and reserve for completion of construction elements of production base support facilities projects.
   h. Delay due to design or testing difficulties.
   i. Award protests.
   j. Insufficient procurement detail involving reimbursable orders.
   k. Develop adequate competitive procurement or technical data package.
   l. Items released to Army by other customers too late to permit obligation in FY 1981.

*Includes estimated FY 81 carry-over and other customer reimbursable programs.

2. Engineering Changes:

   a. Engineering costs in support of production (obligated only as expenses are incurred).
   b. Validated engineering change orders to be incorporated into the current manufacturing process.
   c. Engineering changes as a result of acceptance testing, destructive and proving ground tests.
   d. Amounts reserved to support engineering change proposals and value engineering proposals.

3. Other:

   a. Changes to the previously planned method of procurement (i.e., competitive in lieu of sole source).
   b. Extension to bid opening dates.
   c. Additional time required to complete audits of cost data and to obtain contractor cost data.
   d. Unfavorable pre-award surveys and extended negotiations.
   e. Held pending validation of production capability of low bidder.
   f. Attaining a satisfactory production rate prior to awarding additional work.

Program and Financing Schedule and Object
Classification Schedule for the Procurement
of Equipment and Missiles, Army Appropriation

Program and Financing (in thousands of dollars)

Identification code 21-2030-0-1-051	Budget plan (amounts for procurement actions programed)			Obligations		
	1980 actual	1981 est.	1982 est.	1980 actual	1981 est.	1982 est.
Relation of obligations to outlays:						
71.00 Obligations incurred, net				.....	.....	.....
72.40 Obligated balance, start of year				11,281	5,470	4,470
74.40 Obligated balance, end of year				-5,470	-4,470	-1,470
77.00 Adjustments in expired accounts				2,550	.....	.....
90.00 Outlays				8,361	1,000	3,000

DISTRIBUTION

ASD(C)
- Plans & Systems
- Construction
- Procurement
- Management Systems

ASD(MRA&L)
ASD(ISA)
ASD(C3I)
ASD(DFOISR)
AS, PA&E
AS, HA
AS, LA
USDRE
JCS
DAS
ASA(IL&FM)
ASA(RD&A)
ASA(M&RA)
OCLL
- FOR: HASC
  - SASC
  - HBC
  - CBO
  - HPSCI
  - SSCI

NAVY
AIR FORCE
DACA-BUL
- FOR: HAC
  - SAC

DACA-BUF
- FOR: OMB
  - GAO
  - LOC

DACA-BMZ-A
DACS-DP
DACS-DMZ
DAAG-OPZ
DAAG-RM
DAMI-CIS
DAMI-RMB
DAMO-ZF
DALO-RMZ
DAEN-ZCP
DAAR-COB
NGB-ARC
DASG-RMB
DAAC-RMC
DAMH-ZBB
DAMA-CA
DAMA-PP
DAMA-PPP
DAMA-PPR
DAMA-PPT
DAMA-WS
DAMA-WSA
DAMA-WSM
DAMA-WSW
DAMA-CS
DAMA-CSC
DAMA-CSM
DAMA-CSS

SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

REPORT DOCUMENTATION PAGE

READ INSTRUCTIONS BEFORE COMPLETING FORM

1. REPORT NUMBER	2. GOVT ACCESSION NO. AD-A097 382
3. RECIPIENT'S CATALOG NUMBER	
4. TITLE (and Subtitle) (in 5 parts) Department of the Army Justification of Estimates for Fiscal Year 1982, Submitted to Congress January 1981, Procurement Programs, Aircraft, Missiles, Wpns and Tracked Cbt Veh, Ammunition and Other Proc, Army	5. TYPE OF REPORT & PERIOD COVERED Army Procurement Budget Justification, FY 1982
	6. PERFORMING ORG. REPORT NUMBER
7. AUTHOR(s) Department of the Army	8. CONTRACT OR GRANT NUMBER(s)
9. PERFORMING ORGANIZATION NAME AND ADDRESS HQDA, Office of the Deputy Chief of Staff for Research, Development, and Acquisition (DAMA- PP-B) Washington, DC 20310	10. PROGRAM ELEMENT, PROJECT, TASK AREA & WORK UNIT NUMBERS
11. CONTROLLING OFFICE NAME AND ADDRESS HQDA, Office of the Deputy Chief of Staff for Research, Development, and Acquisition (DAMA-AOA-S) Washington, DC 20310	12. REPORT DATE January 1981
	13. NUMBER OF PAGES 407 (includes all 5 parts)
14. MONITORING AGENCY NAME & ADDRESS (if different from Controlling Office)	15. SECURITY CLASS. (of this report) UNCLASSIFIED
	15a. DECLASSIFICATION/DOWNGRADING SCHEDULE

16. DISTRIBUTION STATEMENT (of this Report)

Approved for public release; distribution unlimited.

17. DISTRIBUTION STATEMENT (of the abstract entered in Block 20, if different from Report)

18. SUPPLEMENTARY NOTES

19. KEY WORDS (Continue on reverse side if necessary and identify by block number)

Army Procurement Programs Budget Justification Book covering Aircraft, Missiles, Weapons and Tracked Combat Vehicles, Ammunition and Other Procurement, Army Appropriations programs submitted by the Army to Congress January 1981 for Fiscal Year 1982.

20. ABSTRACT (Continue on reverse side if necessary and identify by block number)

In justification of programs requested, this document, in separate volume for each of the five Procurement Appropriations, provides backup data for the Army Budget submission for FY 1982. Included are Summaries of Requirements, Program and Financing Statements and Selected Data Sheets. (This document has been declassified for NTIS distribution).

DD FORM 1 JAN 73 1473 EDITION OF 1 NOV 65 IS OBSOLETE

UNCLASSIFIED

SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

END

DATE
FILMED

5-81

DTIC